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सत्यमेव जयते

# HEALTH INFORMATION OF INDIA-1991



CENTRAL BUREAU OF HEALTH INTELLIGENCE  
DIRECTORATE GENERAL OF HEALTH SERVICES  
MINISTRY OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF INDIA  
NIRMAN BHAVAN, NEW DELHI



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1991



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DIRECTORATE GENERAL OF HEALTH SERVICES  
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NIRMA. BHAVAN, NEW DELHI**

NIRMA BHAVAN, NEW DELHI



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**COMMUNITY HEALTH CELL**  
326, V Main, I Block  
Koramangala  
Bangalore-560034  
India



## P R E F A C E

This is the eighteenth issue of the annual publication 'Health Information of India-1991' previously known as 'Health Statistics of India' brought out by the Directorate General of Health Services, Ministry of Health & Family Welfare, Govt. of India. This publication provides broad-based information on various aspects of Health and related subjects and concerted efforts have been made to incorporate the latest available data.

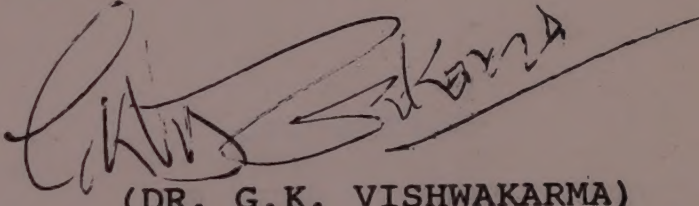
It is hoped that the present issue of the publication will be found useful by the Planners, Policy makers, Health Administrators, Research workers and others engaged in raising the health and socio-economic status of the community.

I gratefully acknowledge the generous co-operation of the State Health authorities and other Organisations for their keen assistance in furnishing the requisite data.

Finally , I would also like to place on record my deep appreciation for the untiring efforts put in by Sh. V.P. Bhasin, Dy. Director and other technical staff of the CBHI and National Informatics Centre under the able guidance of Dr. V.S. Wadhwa, Director, CBHI in bringing out this publication.

Any suggestions for further improvement of the publication will be highly appreciated and these may be addressed to Director, CBHI, D.G.H.S., Nirman Bhavan, New Delhi.

NEW DELHI  
Feb., 1992

  
(DR. G.K. VISHWAKARMA)  
DIRECTOR GENERAL OF HEALTH SERVICE







**OFFICIALS ASSOCIATED WITH THIS PUBLICATION**

**CENTRAL BUREAU OF HEALTH INTELLIGENCE**

Dr. V.S.Wadhwa	Director, CBHI
Sh V.P. Bhasin	Dy. Director
Dr. R.M. Rastogi	Asstt. Director
Sh. Ram Gopal Gupta	Asstt. Director
Sh. K.G. Verma	Statistical Asstt.
Sh. Ramesh Kumar	Statistical Asstt.
Sh. Binod Kumar Mishra	Statistical Asstt.
Sh. S.K. Goel	Design Asstt.
Sh. Mohan Lal	Design Asstt.
Sh. R.B. Lal	Jr. Draftsman
Cover Design by Shri Harbhajan Singh  (C.H.E.B.)	Sr. Artist

**N.I.C. Unit - Ministry of Health & Family Welfare**

Sh. Vijay Soni	Sr. System Analyst
Ms. Vandana Arya	Programme Assistant



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## INTRODUCTION

For proper monitoring and evaluation of Health Programmes and in order to have an overview of the developments taking place in the field of Health and related areas, data-base support plays an important role for planners, decision-makers and health administrators.

2. To achieve the above objective, the Central Bureau of Health Intelligence (CBHI) in the D.G.H.S. has been making constant endeavour by making available broad-based data on Vital and Health Statistics through various of its major publications like Directory of Hospitals in India, Para-Medical Training in India, Health Atlas in India, Health Services in India and Health Information of India. Of these, the annual publication 'Health Information of India' brought out by the CBHI is the most comprehensive and provides key information on almost all aspects of Health and related fields.

3. The current publication, eighteenth in the series is an output of computerised data-base 'Health Information of India' and is a product of joint efforts by the CBHI and the National Informatics Centre Unit in the Ministry of Health & Family Welfare. The publication depicts latest available data during the year 1991.

## COVERAGE OF DATA

4. To provide an overview of the Health situation of India, the publication covers data on important aspects like pattern of investment and expenditure on health programmes, medical and paramedical education, health manpower, medical care facilities, community health services, public health statistics encompassing various National Health Programmes; mortality statistics due to major causes; performance of expanded programme of immunisation; medical care facilities under Indian System of Medicines and International Comparative Statistics. Besides, data on important socio-economic indicators and vital events is also covered in the publication.

## SOURCES OF INFORMATION

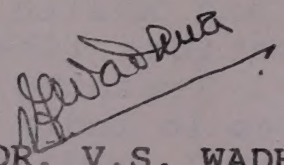
5. The data depicted in this publication have been derived mainly from two sources, namely (a) Central Ministries/Departments (b) State Health authorities and autonomous organisations. The socio-economic indicators related to health and data on population and vital events, have been obtained directly from the concerned Ministries/Departments. On the other hand, major data relat-



ed to Health Sector like medical care facilities, health manpower, medical/paramedical education, community health services, national health programmes etc. have been derived by this Bureau from the State Health Directorates and concerned Programmes Officers. The contributions by the various departments and organisations are gratefully acknowledged. The sources have been indicated in each Table.

6. It is hoped that this publication will be found useful and handy by the readers. Suggestions for improvements are most welcome.

New Delhi  
Feb., 1992

  
(DR. V.S. WADHWA)  
DIRECTOR, CBHI



The page numbers have not been correctly printed which is regretted.

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7.10	1990 के दौरान विभिन्न विकासशील देशों में विदेशी नियुक्ति के आधार कार्य कर रहे चिकित्सा विशेषज्ञ	65
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7.11	31 मार्च, 1991 की स्थिति के अनुसार ग्रामीण क्षेत्रों में कार्यरत स्वास्थ्य जन शक्ति और प्राथमिक स्वास्थ्य केन्द्र/समुदायिक स्वास्थ्य केन्द्र में कार्यरत चिकित्सा विशेषज्ञ Health Manpower working—in rural areas as on 31.3.91 Medical Specialist working at upgraded PHCs/CHCs.
7.12	31 मार्च, 1991 की स्थिति के अनुसार ग्रामीण क्षेत्रों में नियोजित स्वास्थ्य जन-शक्ति/प्राथमिक स्वास्थ्य केन्द्रों में चिकित्सा विशेषज्ञ Health Manpower employed in rural areas as on 31.3.91 Medical doctors at PHCs.
7.13	31 मार्च, 1991 की स्थिति के अनुसार ग्रामीण क्षेत्रों में कार्यरत पैरा चिकित्सा जन-शक्ति Health Manpower working in rural areas Para-medical manpower as on 31.3.1991.
7.14	1986-89 के दौरान प्रत्येक राज्य/संघ राज्य क्षेत्रों के रोजगार कार्यालयों के चालू रजिस्ट्रों में दर्ज चिकित्सा स्नातकों (स्नातकोत्तर डिग्री धरकों सहित) की संख्या No. of Medical Graduates (including post graduate) on the live Register of Employment Exchanges in each State/UT. during 1986-1989.
7.15	31.12.1988 को प्रत्येक राज्य/संघ राज्य क्षेत्र के रोजगार कार्यालयों के चालू रजिस्ट्रों में फार्मासिस्टों और नर्सों (सामान्य) की संख्या No. of Pharmacists and Nurses (General) on the Live Register of Employment Exchanges in each State/UT. as on 31.12.1988
7.16	भारतीय चिकित्सा परिषद् में पंजीकृत चिकित्सक-व्यवसायियों की संख्या तथा उनका अनुपात No. of Medical Practitioners registered with M.C.I. alongwith ratio.

#### 8. चिकित्सा परिचर्या संबंधी आंकड़े Medical Care Statistics

8.01	1.1.1991 को ग्रामीण/शहरी क्षेत्रों के अनुसार अस्पतालों और बिस्तरों की संख्या No. of Hospitals and Beds according to Rural/Urban areas as on 1.1.1991.
8.02	1 जनवरी, 1991 तक स्वामित्ववार अस्पतालों और बिस्तरों की संख्या No. of Hospitals and Beds according to Ownership as on 1st Jan., 1991.
8.03	1.1.1991 तक, ग्रामीण क्षेत्रों में औषधालयों और बिस्तरों की संख्या No. of Dispensaries and Beds according to Rural/Urban areas as on 1.1.1991
8.04	1.1.1991 तक स्वामित्ववार औषधालयों और बिस्तरों की संख्या No. of dispensaries and beds according to ownership as on 1.1.1991.
8.05	अस्पतालों की संख्या, अस्पतालों और बिस्तरों तथा सभी प्रकार के बिस्तरों की संख्या No. of Hospitals, No. of Hospitals Beds and No. of Beds all types alongwith ratio.

#### 9. सामुदायिक स्वास्थ्य सेवाएं Community Health Services

9.01	प्रथम पंचवर्षीय योजना से भारत में स्थापित किए गए प्राथमिक स्वास्थ्य केन्द्र और उप केन्द्र Establishment of Primary Health Centres and sub-Centres in India since 1st Five Year Plan.
9.02	1.4.1990 में कार्यरत प्राथमिक स्वास्थ्य केन्द्रों/सहायक स्वास्थ्य केन्द्रों की संख्या No. of Primary Health Centres/Subsidiary Health Centres functioning as on 1.4.90.
9.03	1.4.90 तक कार्यरत उपकेन्द्रों की संख्या Sub-centres-Progress of Establishment on 1.4.90.
9.04	1.4.90 तक सामुदायिक स्वास्थ्य केन्द्रों की संख्या No. of Community Health Centres on 1.4.90 Progress of Establishment.
9.05	31.12.90 की स्थिति के अनुसार जन जातीय इलाकों में अपेक्षित तथा कार्य कर रहे प्राथमिक स्वास्थ्य केन्द्रों तथा उपकेन्द्रों की संख्या No. of PHCs and Sub-Centres required and in position in Tribal areas as on 31.12.1990.



10. जन स्वास्थ्य आंकड़े  
Public Health Statistics

01	भारत में 1956-1990 के दौरान, अधिसूचित किए गए हैजा तथा चेचक के मामले	88
	Notified cases on Cholera and Small-pox in India 1956-1990.	
02	1990 के दौरान, अनिसार से रिपोर्ट किए गए मामले तथा मौतें	89
	Reported cases and deaths due to Diarrhoeal diseases during 1990.	
03	1961 से 1990 तक भारत में मलेरिया से ग्रस्त हुए व्यक्तियों की संख्या	90
	Positive cases of Malaria in India 1961 to 1990.	
04	1977 से 1990 तक राज्यों/संघ राज्य क्षेत्रों में काला-आजार की स्थिति	91
	Kala-Azar situation in the State/UTs during 1987-1990.	
05	1937 से 1990 के दौरान भारत के राज्यों/संघ राज्यों में जापानी एन्सेफेलेटिस के सूचित रोगी तथा मौतें	92
	Reported cases and deaths due to Japanese Encephalitis in States/UTs in India during 1987 to 1990.	
06	1987 से 1990 के दौरान भारत के राज्यों/संघ राज्य क्षेत्रों में मेनिजाइटिस के कारण रिपोर्ट किए गए रोगी तथा मौतें	93
	Reported cases and deaths due to Meningitis in States/UTs. in India during 1987 to 1990	
07	1987 से 1990 के दौरान कर्नाटक राज्य में कायासनूर वन्य रोग से सूचित किए गए रोगी और मौतें	94
	Reported cases and deaths due to Kayasanur forest disease from Karnataka State during 1987-1990.	
08	1987-90 के दौरान मलेरिया ग्रस्त रोगियों (पॉजिटिव केमिस) का राज्य-वार ब्यौरा	95
	State-wise Positive cases of Malaria during 1987-90.	
09	मार्च, 1990 तक राष्ट्रीय कुष्ठ उन्मूलन कार्यक्रम के अधीन भौतिक संघटकों की उपलब्धि	96
	National Leprosy Eradication Programme-Achievement of Physical Components till March, 1990.	
10	राष्ट्रीय कुष्ठ उन्मूलन कार्यक्रम 1990-91 के अधीन पता लगाए गए, इलाज किए गए तथा	97
	कितनों को छुट्टी दी गई तथा कितने रोगी मरे।	
	Population at risk, cases estimated, detected, treated and	
	discharged under National Leprosy Eradication Programme 1990-91	
11	राष्ट्रीय कुष्ठ रोग नियंत्रण कार्यक्रम 31.12.1990 की स्थिति के अनुसार क्षयरोगियों के इलाज के	99
	लिए उपलब्ध उपचार सुविधाएं	
	National Tuberculosis control programme Treatment facilities available for treatment	
	of T.B. Patients as on 31.12.1990.	
12	1986 से 1987 के दौरान पता लगाए गए कुल रतिज रोगी तथा रतिज रोग क्लीनिकों में उपचार किए गए रोगियों की संख्या	100
	Total STD cases seen and treated in STD Clinics during 1986 to 1990.	
13	1990 के दौरान, भिन्न-भिन्न एड्स-टी०डी० रोगों से ग्रस्त इलाज किए गए रोगियों की कुल संख्या	101
	No. of patients treated due to various STD diseases during 1990.	
14	31 दिसम्बर, 1990 की स्थिति के अनुसार, राष्ट्रीय फाइलेरिया नियंत्रण कार्यक्रम के अधीन कितने लोगों को इससे बचाया गया तथा	102
	उक्त तिथि को इस कार्यक्रम की संगठनात्मक स्थिति	
	Population protected under National Filaria Control Programme and the set up as on 31.12.1990.	
15	वर्ष 1990 में फाइलेरिया, माइक्रो फाइलेरिया के संवाहकों के खतरे वाले क्षेत्रों में रहने वाली राज्यवार अनुमानित	103
	जनसंख्या और चिरकालिक फाइलेरिया रोगी	
	State-wise estimated population exposed to the risk of Filarisis, Microfilaria carriers	
	and chronic Filaria cases as in 1990.	
16	सातवीं योजना के दौरान दृष्टि विहीनता नियंत्रण का राष्ट्रीय कार्यक्रम-लक्ष्य तथा	104
	उपलब्धियां 1987-88, 1988-89 तथा 1989-90	
	National Programme for Control of Blindness during 7 th Plan-targets	
	and Achievements and 1990-91.	
17	राष्ट्रीय घेघा नियंत्रण कार्यक्रम 1981-90 के दौरान क्षेत्रों में किए गए सर्वेक्षण के अनुसार घेघा प्रचालित-दर	105
	National Goitre Control Programme-Prevalence rate of Goitre according to survey conducted in areas	
	during 1981 to 1990.	
18	1989-90 के दौरान विशिष्ट कैंसर अस्पतालों में इलाज किए गए कैंसर रोगियों की संख्या	106
	No. of Cancer patients treated in Specialised Cancer Hospitals during 1989-1990.	
19	1990 के दौरान विभिन्न कारणों से आई०सी०डी० (नौवां संशोधन, 1975)	107
	के अनुसार विशिष्ट कैंसर अस्पतालों में इलाज किए गए कैंसर रोगियों की संख्या	
	No. of Cancer patients treated in Specialised Cancer Hospitals according to various causes as per	
	ICD (9th Revision, 1975) during 1990.	



10.20	1989-90 के दौरान विशिष्ट मानसिक अस्पतालों में उपचार किए गए मानसिक रोगियों की संख्या No of patients of Mental Disorders treated in Specialised Mental Hospitals during 1989-1990.	108
10.21	1990 के दौरान, विभिन्न कारणों से आई०सी०डी० (नौवां संशोधन 1975) के अनुसार विशिष्ट मानसिक अस्पतालों में उपचार किए गए मानसिक रोगियों की सं० No. of patients of Mental disorder treated in Specialised Mental Hospitals according to various causes as per ICD (9th Revision, 1975) during 1990.	109
10.22	1990 के दौरान भारत में संचारी रोगों से ग्रस्त रोगियों तथा इससे हुई मौतों की सं० Reported cases and deaths due to Communicable diseases in India during 1990.	110
10.23	रुग्णता की घटनाएं अर्थात् 1986 से 1989 के दौरान कर्मचारी राज्य बीमा योजना के अधीन प्रति 1,000 बीमा किए गए व्यक्तियों में नए मामलों की संख्या Incidence of morbidity i.e. No. of new cases per 1,000 insured under E.S.I. Scheme during 1986 to 1989.	115
10.24	राष्ट्रीय एड्स नियंत्रण कार्यक्रम—भारत में जून, 1991 तक पता लगाए गए एड्स के रोगी National AIDS Control Programme—AIDS Cases detected in India upto June, 1991.	117
10.25	1984-90 के दौरान भारत में नहरूआ रोग की स्थिति Guineawarm Diseases situation in India—1984 to 1990.	120

### 11. मौत के कारण संबंधी आंकड़े Cause of Death Statistics

11.01	1984 से 1989 तक भारत (देहात) में प्रमुख रोगों के कारण हुई मौतों की प्रतिशतता तथा उनकी संख्या Total no. and percentages of deaths by major cause-groups-India (Rural) 1984 to 1989.	121
11.02	1988 तथा 1989 में लिंग और आयु वर्ष के अनुसार प्रमुख रोगों के कारण हुई मौतों की प्रतिशतता विभाजन Percentage distribution of deaths for selected major cause groups by sex and age 1988 & 1989.	122
11.03	1988-89 के दौरान भारत में सभी आयु वर्गों के अनुसार दस खास रोगों से हुई मौतों की प्रतिशतता-विभाजन Percentage distribution of deaths due to 10 selected diseases by all age groups in India, 1988 & 1989.	123
11.04	भारत 1982 से 1989 तक शैशवावस्था के विलक्षण रोगों के वर्गों के अधीन विशिष्ट कारणों के विभाजन का प्रतिशत Percentage distribution of specific cause under the groups of diseases peculiar to infancy-India 1982 to 1989.	124
11.05	शिशु जन्म तथा गर्भ (जच्चा) से संबंधित कारणों से होने वाली मौतों की प्रतिशतता विभाजन (1982 से 1989 तक) Percentage distribution of deaths by cause related to child birth and pregnancy (Maternal) 1982 to 1989.	125
11.06	1988 तथा 1989 तक भारत में शिशु जन्म तथा गर्भ (जच्चा मृत्यु) के संबंधित कारणों से होने वाली मौतों की प्रतिशतता-विभाजन Percentage distribution of death due to causes related to child-birth and pregnancy (Maternal mortality) in India 1988 and 1989.	126
11.07	1984-1988 तक भारत में दुर्घटना से होने वाली मौतों की संख्या No. of Accidental Deaths in India by Causes during 1984-1988.	127
11.08	मृत्यु के कारणों का चिकित्सा प्रमाणन—अखिल भारतीय (मृत्यु के कारणों के चिकित्सीय प्रमाणन योजना के अधीन) 1984-86 Medical Certification of Causes of death—All India (Under the scheme of medical certification of cases of deaths) 1984-1986.	128
11.09	कुल पंजीकृत मौतों में चिकित्सीय रूप से प्रमाणित मौतों का प्रतिशत (मौत के कारण के चिकित्सीय प्रमाणन की योजना के अंतर्गत) 1981 से 1986 Medically certified deaths as percentage to total registered deaths (under the scheme of medical certification of cause of deaths) 1981 to 1986.	129
11.10	अखिल भारत—आयु लिंग तथा मुख्य कारण, वर्गों के अनुसार मौतों का विभाजन (मौत के कारण चिकित्सीय प्रमाणन की योजना के अधीन, 1986) Distribution of deaths by age, sex and major cause groups—All India (Under the scheme of medical certification of causes of deaths) 1986	130
11.11	अखिल भारत—अलग-अलग मुख्य कारणों, वर्गों के कारण कुल मौतों में से विभिन्न आयु वर्ग के स्त्री पुरुषों की मौतों के विभाजन का प्रतिशत (मौत के कारण के चिकित्सीय प्रमाणन योजना के अधीन) —1986 Percentage distribution of deaths by sex for different age groups to total deaths by individual major cause groups—All India (under the scheme of medical certification of cause of deaths)—1986	131
11.12	अखिल भारत—प्रत्येक आयु वर्ग में कुल मौतों में से विभिन्न मुख्य कारण ग्रुपों में स्त्री पुरुषों के विभाजन का प्रतिशत (मौत के कारण चिकित्सीय प्रमाणन की योजना के अंतर्गत) 1986 Percentage Distribution of Deaths by sex for different major cause groups to total deaths in each age group—All India (under the scheme of medical certification of cause of deaths)—1986.	135



12. रोग क्षमीकरण के विस्तारित कार्यक्रम का निष्पादन  
E.P.I. Performance

12.01	राष्ट्रीय रोग क्षमीकरण योजना Ideal National Immunization Scheme.	138
12.02	1975-76 से 1990-91 के दौरान स्कूली बच्चों को डी०पी०टी०, पोलियो, टायफाइड और टी०टी० टीका तथा गर्भवती महिलाओं को टी०टी० टीका लगाने की कार्य-निष्पत्ति Vaccination performance of T.T. (Preg. Women), DPT, DT, Polio, Typhoid, Measles, BCG, T.T. (School Children) during 1975-76 to 1990-91.	139
12.03	सातवीं पंचवर्षीय योजना तथा वार्षिक प्लान (1990-91) के दौरान प्रस्तावित रोग क्षमीकरण के विस्तारित कार्यक्रम के लक्ष्य Proposed EPI target during 7th Plan and Annual Plan 1990-91.	141
12.04	1988-89 में वैक्सीन की प्रतिस्थापित क्षमता तथा उत्पादन Installed capacity and Production of vaccines 1988-1989.	142

13. स्वास्थ्य बीमा संबंधी आंकड़े  
Health Insurance Statistics

13.01	31 मार्च, 1990 तक केन्द्रीय सरकार स्वास्थ्य योजना के अधीन विभिन्न नगरों में औषधालयों तथा लाभान्वित परिवारों की सं० No. of CGHS dispensaries in different cities and families covered as on 31.3.1990.	153
13.02	1989-90 के दौरान केन्द्रीय सरकार स्वास्थ्य योजना के औषधालयों में कुल उपस्थिति, उपस्थिति की दर तथा प्रतिदिन औसतन हाजिरी Total attendance, rate of attendance and daily average attendance in CGHS Dispensaries 1989-90.	154
13.03	1989-90 के दौरान, कर्मचारी राज्य बीमा योजना की कार्य-निष्पत्ति Performance of Employees State Insurance Scheme during 1989-90.	155
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**INDIA**  
**SELECTED HEALTH AND SOCIO-ECONOMIC INDICATORS**

SL.NO	ITEM	YEAR OF REFERENCE	PARTICULARS
1	2	3	4
1.	Population (000)		
	Total	1991 Census	8,43,931
	Male		4,37,598
	Female		4,06,333
2.	Decennial Growth Rate (%)	1981-91	23.50
3.	Sex-Ratio (No. of female to 1000 male)	1991 Census	923
4.	Area in Sq. Kilometres (000)	1981 Census	3,287.3
5.	Density of Population per Sq. Km.	1991 Census	267
6.	Proportion of Urban population to total population	1981 Census	23.31
7.	No. of districts	1991 Census	429
8.	No. of towns \$	1981 Census \$	3,949
9.	No. of development blocks	1980-81	5,011
10.	No. of villages (inhabitated)	1981 Census	5,57,137
11.	Broad age distribution of population (percentage to total population) and age groups		
	0-14	1971	42.0
		1981	39.6
	15-59	1971	52.0
		1981	53.9
	60 +	1971	6.0
		1981	6.5
12.	Crude birth rate (SRS)	1989	30.5
13.	Crude death rate (SRS)	1989	10.2
14.	Natural Growth Rate(SRS)	1989	20.3
15.	Infant mortality rate (SRS)	1989	91
16.	Expectation of life at birth		
	persons	1986-91	58.6
	Male		58.1
	Female		59.1
17.	No. of medical colleges	1989-90	128**
18.	No. of hospitals and beds	1-1-1991	
	Government		4732/439047
	Private		6522/180386
	Total		11254/619433
19.	Area served per hospital(Sq. km.) in 000	1-1-1991(range)	16-4096
20.	Population served per hospital	1-1-1991	10269-376500
21.	Population served per bed	1-1-1991	286-2874
22.	Hospital beds per thousand population	1-1-1991	0.74
23.	No. of P.H.Cs	31-3-1991	21641
24.	No. of sub-centres	31-3-1991	130960
25.	No. of Community health centres	31-3-1991	1916

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1	2	3	4
26.No. of doctors (Registered with MCI)		1990	365000
27.No. of registered general nursing midwifery with Nursing Council of India		1989	264504
28.Gross National Product (Rs.in crores)		1989-90 a	
At current prices			3,92,524
At 1980-81 prices			1,95,237
29.Per Capita National Product (Rs.)		1989-90	
At current prices			4252.4
At 1980-81 prices			2142.1
30.Plan Outlay on Health, Family Welfare and water supply etc. (Rs. in crores)		1991	3656.2
31.Per capita expenditure on health and family welfare(Rs.)		1987-88	60.61/8.17
32.Per capita net availability per day of cereals and pulses (in grams)		1990 *	474.6
33.Proportion of Scheduled caste and Scheduled Tribe population to total population \$		1981 Census	
Scheduled Caste			15.75%
Scheduled Tribes			7.76%
34.Religion wise distribution of population (%)		1971 Census	
Hindu			82.7
Muslim			11.2
Christian			2.6
Sikh			1.9
Others			1.6
35.Literacy rate (%) \$		1991 Census	
Persons			52.11
Male			63.86
Female			39.42
Rural		1981 Census	29.65
Urban			57.40
36.Percentage of students in primary education to corresponding age groups (6 to 11 years)		1989-90	99.9*
37.Work participation rate (%) \$		1981 Census	
Persons			33.45
Male			51.62
Female			13.99
Rural			34.76
Urban			29.23
38.Percentage of population below poverty line		1987-88	
Rural			33.4
Combined			29.9

NOTE:- SRS - Sample Registration System, Registrar General of India  
\$ - Excluding Assam  
\* - Provisional  
a - Quick estimation  
\*\* - Included 22 unrecognised medical colleges



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## **1. POPULATION STATISTICS**

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CHART NO - I

TRENDS IN CENSUS POPULATION IN INDIA 1901 - 1981

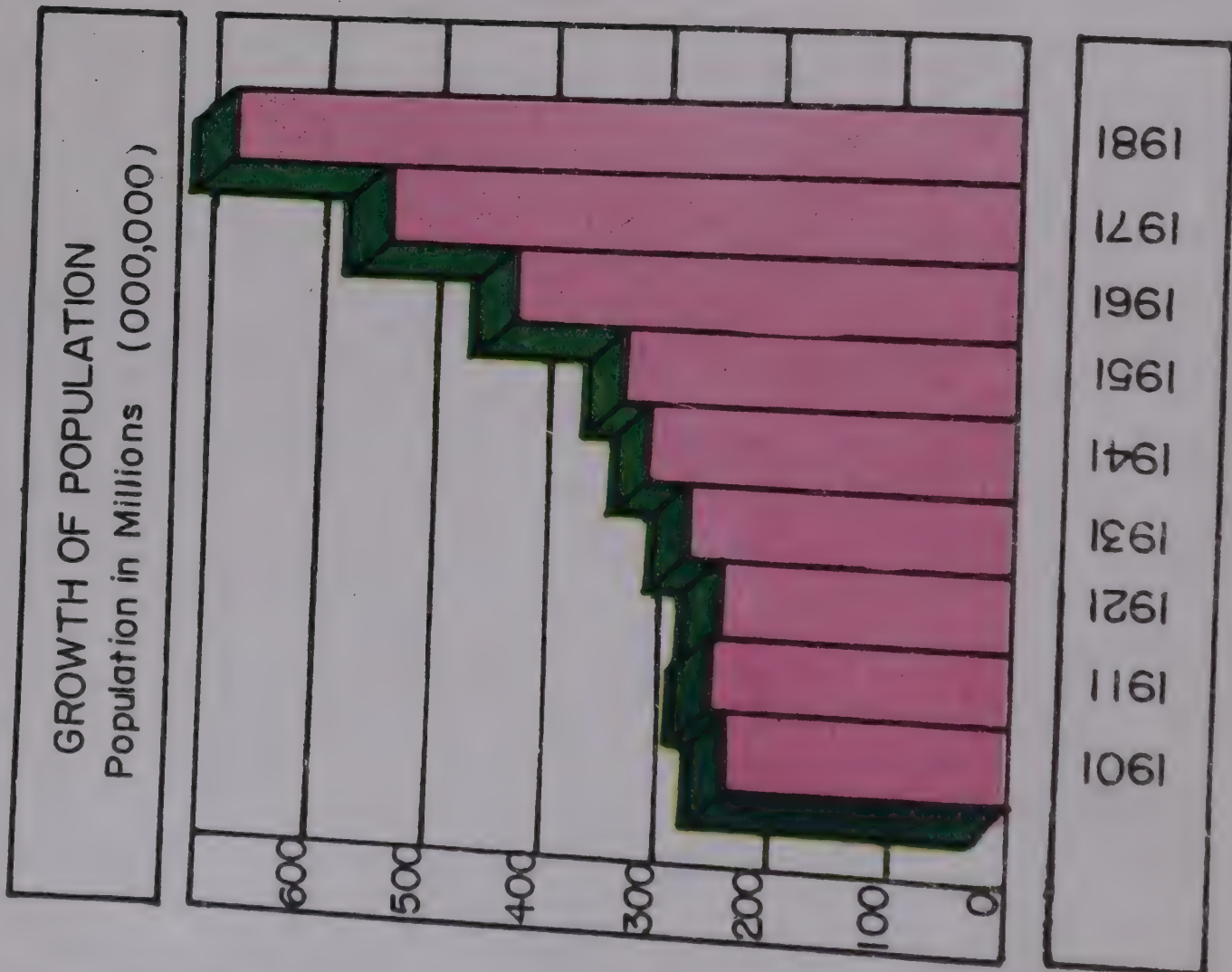






CHART NO. 1-A

# TRENDS IN CENSUS POPULATION IN INDIA 1901-1981

## DECENNIAL CHANGE

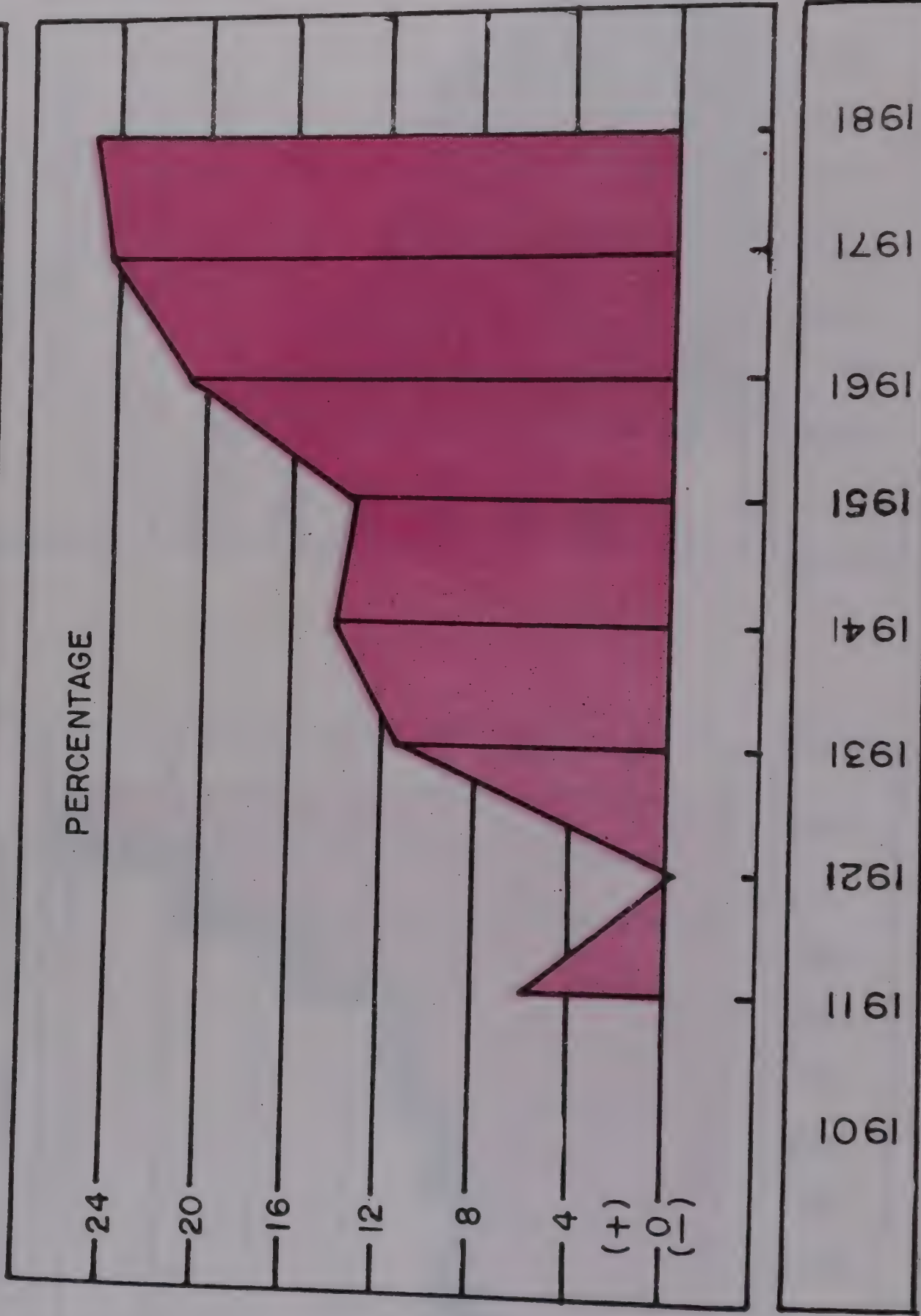




TABLE NO. 1.01 : TRENDS IN CENSUS POPULATION IN INDIA - 1901 - 91

CENSUS YEAR	TOTAL POPULATION (IN LAKHS)		DECENNIAL CHANGE		GEOMETRIC GROWTH RATE		SEX-RATIO (FEMALES PER 1000 MALES)	DENSITY OF POPULATION PER SQ KM	PERCENTAGE OF URBAN POPULATION
	PERSONS	MALES	FEMALES	(PERCENT)	RATE				TO TOTAL POPULATION
1	2	3	4	5	6	7	8	9	
1901	2384.0 @	1207.9@@	1173.6	-	-	972\$\$	77	10.84	
1911	2520.9	1283.8	1237.1	5.75	(+)0.56	964	82	10.29	
1921	2513.2	1285.5	1227.7	(-)0.31	(-)0.03	955	81	11.18	
1931	2789.8 @	1429.3	1357.9	11.00	(+)1.04	950\$\$	90	11.99	
1941	3186.6 @	1636.8	1546.9	14.22	(+)1.33	945\$\$	103	13.86	
1951	3610.9	1855.3	1755.6	13.31	(+)1.25	946	117	17.29	
1961	4392.3	2262.9	2129.4	21.51	(+)1.96	941	142	17.97	
1971	5481.6	2840.5	2641.1	24.80	(+)2.20	930	177 \$	19.91	
1981*	6851.8	3544.0	3307.8	25.00	(+)2.25	933	216 #	23.31	
1991**	8439.3	4376.0	4063.3	23.50	(+)2.11	929	267 #	N.A.	

(P)

NOTE: 1. @ - THE DISTRIBUTION OF POPULATION BY SEX OF PONDICHERRY FOR 1901(246,354), 1931(258,628)& 1941 (285,011) IS NOT AVAILABLE. THE FIGURES OF THESE YEARS ARE, THEREFORE, EXCLUSIVE OF THESE POPULATION SO FAR AS

DISTRIBUTION BY SEX IS CONCERNED.

2. \$ -EXCLUDES JAMMU & KASHMIR.

3. @@ - SEX WISE DISTRIBUTION OF CHANDAN NAGAR (26,831) OF WEST BENGAL AND GONDA (18,810) OF UTTAR PRADESH IS NOT AVAILABLE.

4. \* -INCLUDES PROJECTED POPULATION OF ASSAM WHERE THE 1981 CENSUS COULD NOT BE CONDUCTED OWING TO DISTURBED CONDITIONS PREVAILING IN THAT STATE THEN.

5. \*\* -INCLUDES PROJECTED POPULATION OF JAMMU & KASHMIR WHERE 1991 CENSUS IS YET TO BE HELD.

6. # - THE DENSITY HAS BEEN WORKED OUT ON COMPARABLE DATA.

7. N.A. = NOT AVAILABLE.

8. P = PROVISIONAL DATA.

9. \$\$ = EXCLUDES PONDICHERRY.

SOURCE : REGISTRAR GENERAL , INDIA.

TABLE NO.1.02 : DISTRIBUTION OF POPULATION, SEX RATIO, DENSITY AND GROWTH RATE OF POPULATION

GROWTH RATE OF POPULATION													
SL. NO.	STATE/UT	POPULATION 1991					SEX RATIO		DENSITY			GROWTH RATE	
		PERSONS		MALES	FEMALES	1981	1991	1981	1991	1971-81	1981-91		
		3	4	5	6							7	8
1	2												
INDIA													
		843930861	437597929	406332932	934	929	216	267	+24.66	+23.50			
STATES													
1.	ANDHRA PRADESH	66304854	33623738	32681116	975	972	195	241	+23.10	+23.82			
2.	ARUNACHAL PRADESH	858392	461242	397150	862	861	8	10	+35.15	+35.86			
3.	ASSAM	22294562	11579693	10714869	910	925	230	284	+23.36	+23.58			
4.	BIHAR	86338853	45147280	41191573	946	912	402	497	+24.06	+23.49			
5.	GOA	1168622	593563	575059	975	969	272	316	+26.74	+15.96			
6.	GUJARAT	41174060	21272388	1990672	942	936	174	210	+27.67	+20.80			
7.	HARYANA	16317715	8705379	7612336	870	874	292	369	+28.75	+26.28			
8.	HIMACHAL PRADESH	5111079	2560894	2550185	973	996	77	92	+23.71	+19.39			
9.	JAMMU & KASHMIR	7718700	4014100	3704600	892	923	59	76	+29.69	+28.92			
10.	KARNATAKA	44817398	22861409	21955989	963	960	194	234	+26.75	+20.69			
11.	KERALA	29011237	14218167	14793070	1032	1040	655	747	+19.24	+13.98			
12.	MADHYA PRADESH	66135862	34232048	31903814	941	932	118	149	+25.27	+26.75			
13.	MAHARASHTRA	78706719	40652056	38054663	937	936	204	256	+24.54	+25.36			
14.	MANIPUR	1826714	931511	895203	971	961	64	82	+32.46	+28.56			
15.	MEGHALAYA	1760626	904308	856318	954	947	60	78	+32.04	+31.80			
16.	MIZORAM	686217	356672	329545	919	924	23	33	+48.55	+38.98			
17.	NAGALAND	1215573	643273	572300	963	890	47	73	+50.05	+56.86			
18.	ORISSA	31512070	15979904	15532166	981	972	169	202	+20.17	+19.50			
19.	PUNJAB	20190795	10695136	9495659	879	888	333	401	+23.89	+20.26			
20.	RAJASTHAN	43880640	22935895	20944745	919	913	100	128	+32.97	+28.07			
21.	SIKKIM	403612	214723	188889	835	880	45	57	+50.77	+27.57			
22.	TAMIL NADU	55638318	28217947	27420371	977	972	372	428	+17.50	+14.94			
23.	TRIPURA	2744827	1410545	1334282	946	946	196	262	+31.92	+33.69			
24.	UTTAR PRADESH	138760417	73745994	65014423	885	882	377	471	+25.49	+25.16			
25.	WEST BENGAL	67982732	35461898	32520834	911	917	615	766	+23.17	+24.55			

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TABLE NO. 1.02 (CONT.)

1	2	3	4	5	6	7	8	9	10	11
	UNION TERRITORIES									
1.	ANDAMAN & NICOBAR ISLANDS	277989	152737	125252	760	820	23	34	+65.93	+47.29
2.	CHANDIGARH	640725	357411	283314	769	793	3916	5620	+75.55	+41.88
3.	DADRA & NAGAR HAVELI	138542	78927	67615	974	953	211	282	+59.78	+33.63
4.	DAMAN & DIU	101439	54432	49987	1062	972	705	906	+26.07	+28.43
5.	DELHI	9370475	5120783	4249742	808	830	4194	6319	+53.00	+50.64
6.	LAKSHADWEEP	51681	26582	25099	975	944	1258	1615	+26.53	+28.40
7.	PONDICHERY	789416	398324	391092	985	982	1229	1605	+28.15	+30.60

NOTE : 1. IN 1981, CENSUS WAS NOT CONDUCTED IN ASSAM. BASED ON THE 1971 CENSUS POPULATION AND THE 1991 CENSUS PROVISIONAL RESULTS THE POPULATION OF ASSAM, FOR 1981 HAS BEEN INTERPOLATED.

2. AS A CONSEQUENCE OF THE REVISED ESTIMATES FOR ASSAM FOR THE YEAR 1981, THE TOTAL POPULATION OF INDIA AS OF 1981 HAS BEEN ESTIMATED AS 683,329,097 AS AGAINST EARLIER PUBLISHED FIGURES OF 685,184,692.

3. AS A CONSEQUENCE OF THE REVISED FIGURES, THE DECADAL GROWTH RATE FOR INDIA DURING 1971-81 HAS BEEN ESTIMATED AS 24.66%

4. THE 1991 CENSUS HAS NOT YET BEEN CONDUCTED IN JAMMU & KASHMIR. THE FIGURES ARE AS PER PROJECTIONS PREPARED BY THE STANDING COMMITTEE OF EXPERTS ON POPULATION PROJECTIONS, OCTOBER 1989.

5. SEX RATIO IS DEFINED AS NUMBER OF FEMALES PER ONE THOUSAND MALES.

TABLE NO. 1.03 : PROPORTION OF WORKERS (MAIN WORKERS\*\*) TO TOTAL POPULATION DURING THE CENSUSES 1971 AND 1981

			1971			1981		
SL. NO.	STATE/UT		PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES
1	2		3	4	5	6	7	8
STATES								
1.	ANDHRA	T	41.39	58.22	24.16	42.26	57.12	27.02
	PRADESH	R	43.94	60.24	27.37	45.86	59.56	31.95
		U	30.73	49.90	10.54	30.40	49.27	10.49
2.	ASSAM	T	27.96	48.83	4.66	N.A.	N.A.	N.A.
		R	27.72	48.66	4.76	N.A.	N.A.	N.A.
		U	30.36	50.37	3.47	N.A.	N.A.	N.A.
3.	BIHAR	T	31.03	52.16	8.88	29.68	49.19	9.06
		R	31.34	52.73	9.31	30.23	50.01	9.70
		U	28.30	47.48	4.54	25.82	43.83	4.17
4.	GUJARAT	T	31.45	51.24	10.26	32.22	52.19	11.03
		R	32.96	52.83	12.07	33.78	53.27	13.46
		U	27.57	47.29	5.48	28.78	49.85	5.49
5.	HARYANA	T	26.44	47.27	2.41	28.35	48.94	4.69
		R	26.47	47.50	2.29	28.21	48.64	4.89
		U	26.31	46.19	3.00	28.88	50.01	3.99
6.	HIMACHAL	T	36.95	52.43	20.79	34.36	49.59	18.71
	PRADESH	R	37.16	52.26	21.69	34.39	49.22	19.38
		U	34.20	54.53	7.06	34.08	53.56	9.59
7.	JAMMU &	T	29.76	52.50	3.86	30.37	52.20	5.91
	KASHMIR	R	30.51	53.74	4.17	30.76	52.86	6.12
		U	26.48	47.12	2.47	28.92	49.75	5.11
8.	KARNATAKA	T	34.74	54.40	14.20	36.76	53.90	18.95
		R	36.39	56.43	15.77	39.54	56.41	22.28
		U	29.60	48.27	9.16	29.92	47.88	10.53
9.	KERALA	T	29.12	45.00	13.49	26.68	41.04	12.77
		R	29.53	45.29	14.08	27.10	41.19	13.47
		U	26.99	43.51	10.42	24.86	40.37	9.67
10.	MADHYA	T	36.72	53.74	18.65	38.41	53.52	22.35
	PRADESH	R	38.40	55.28	20.75	40.87	55.30	25.78
		U	28.09	46.17	7.26	28.74	46.80	8.31
11.	MAHARASHTRA	T	36.48	52.09	19.70	38.71	52.51	23.98
		R	38.60	52.60	24.39	42.70	53.86	31.39
		U	31.80	51.06	8.31	31.31	50.17	9.11
12.	MANIPUR	T	34.57	45.31	23.62	40.35	45.94	34.59
		R	35.79	46.42	24.95	43.35	47.72	38.85
		U	26.56	38.01	14.87	32.00	40.99	22.71
13.	MEGHALAYA	T	44.17	53.21	34.57	43.44	53.12	33.29
		R	46.18	54.05	37.97	45.90	54.43	37.05
		U	32.34	48.53	13.36	32.27	47.33	15.61

(CONT. ON NEXT PAGE)



TABLE NO. 1.03:-(CONT.)

1	2		3	4	5	6	7	8
14.	NAGALAND	T	50.75	55.55	45.24	47.53	51.91	42.45
		R	50.79	53.48	47.90	49.90	52.05	47.50
		U	50.38	69.87	9.11	34.63	51.23	10.52
15.	ORISSA	T	31.22	55.32	6.81	32.75	54.38	10.70
		R	31.29	55.79	6.83	33.10	55.10	11.07
		U	30.44	50.63	6.56	30.10	49.38	7.65
16.	PUNJAB	T	28.87	52.82	1.18	29.35	53.14	2.27
		R	29.11	53.75	0.72	29.29	53.66	1.72
		U	28.10	49.88	2.66	29.51	51.80	3.71
17.	RAJASTHAN	T	31.24	52.09	8.34	30.48	49.92	9.32
		R	32.39	53.63	9.27	31.53	51.01	10.58
		U	25.84	45.08	3.86	26.54	45.93	4.45
18.	SIKKIM	T	53.19	62.96	41.85	46.60	56.55	34.69
		R	54.60	63.44	44.59	47.61	55.90	38.01
		U	39.55	58.85	11.19	41.36	59.59	15.21
19.	TAMIL NADU	T	35.78	56.02	15.09	39.30	55.85	22.36
		R	38.19	58.55	17.62	43.20	58.35	27.85
		U	30.23	50.29	9.14	31.37	50.84	11.01
20.	TRIPURA	T	27.79	49.43	4.83	29.64	49.23	8.95
		R	28.20	50.31	4.76	29.99	49.80	9.03
		U	24.25	41.85	5.43	26.83	44.61	8.25
21.	UTTAR	T	30.94	52.24	6.71	29.22	50.31	5.39
	PRADESH	R	31.48	52.98	7.27	29.71	50.98	5.90
		U	27.67	47.85	3.10	26.99	47.30	2.99
22.	WEST BENGAL	T	27.91	48.83	4.43	28.26	48.71	5.81
		R	27.19	48.48	4.58	28.04	48.72	6.19
		U	30.12	49.80	3.92	28.87	48.70	4.66
UNION TERRITORIES								
23.	ANDAMAN &	T	39.55	62.10	4.53	33.21	54.59	5.07
	NICOBAR	R	38.00	60.78	4.07	32.26	53.80	4.45
	ISLANDS	U	44.80	66.28	6.28	35.86	56.71	6.89
24.	ARUNACHAL	T	57.65	63.14	51.28	49.61	57.42	40.55
	PRADESH	R	57.89	62.78	52.33	50.20	57.21	42.24
		U	51.57	70.33	10.58	41.14	59.96	11.20
25.	CHANDIGARH	T	33.29	53.96	5.70	34.69	54.50	8.93
		R	35.12	58.33	1.14	35.85	58.37	3.10
		U	33.10	53.48	6.15	34.61	54.23	9.30
26.	DADRA AND	T	47.17	55.43	38.96	40.81	55.11	26.14
	NAGAR HAVELI	R	47.17	55.43	38.96	41.18	55.39	26.68
		U	-	-	-	35.77	51.38	18.12
27.	DELHI	T	30.21	50.61	4.75	31.93	52.47	6.52
		R	26.62	45.15	4.17	28.49	46.64	6.10
		U	30.63	51.22	4.82	32.20	52.93	6.55
28.	GOA, DAMAN	T	31.67	47.76	15.40	30.59	45.85	15.05
	& DIU	R	31.41	46.51	16.74	30.15	44.29	16.19
		U	32.40	50.98	11.40	31.52	48.97	12.53
29.	LAKSHADWEEP	T	26.15	38.43	13.60	19.74	33.56	5.58
		R	26.15	38.43	13.60	18.89	31.23	6.36
		U	-	-	-	20.74	36.24	4.65
(CONT. ON NEXT PAGE)-----								

(CONT. ON NEXT PAGE)-----

TABLE NO. 1.03 : (CONT.)

1	2	3	4	5	6	7	8
30.	MIZORAM	T	45.61	51.43	39.46	41.73	50.38
		R	47.41	52.51	42.03	44.53	51.73
		U	31.59	43.10	19.30	33.19	46.35
31.	PONDICHERRY	T	29.90	48.65	10.94	28.66	46.02
		R	33.00	51.74	13.96	31.63	48.50
		U	25.62	44.38	6.80	25.95	43.74
	INDIA *	T	33.06	52.61	12.06	33.45	51.62
		R	34.01	53.62	13.36	34.76	52.62
		U	29.32	48.80	6.65	29.23	48.54

## NOTE :

1. DATA FOR ASSAM ARE NOT AVAILABLE FOR 1981 AS NO CENSUS TOOK PLACE.
2. \* EXCLUDES ASSAM.
3. \*\* THE MAIN WORKERS OF 1981 ARE THOSE WHO HAVE WORKED FOR MAJOR PARTS OF THE YEAR i.e. MORE THAN 6 MONTHS PRECEDING THE ENUMERATION.
4. N.A. - NOT AVAILABLE.
5. T -TOTAL, R -RURAL, U -URBAN.
6. 1991 data is not available.

SOURCE : REGISTRAR GENERAL, INDIA.



TABLE NO. 1.04 : STATEWISE DISTRIBUTION OF VILLAGES ACCORDING TO POPULATION

1981 CENSUS

Sl. No.	State/U.T.	10000 and over	5000 to 9999	2000 to 4999	1000 to 1999	500 to 999	less than 500	Total No. of inhabited villages
1	2	3	4	5	6	7	8	9
1.	Andhra Pradesh	163	1058	5609	6464	5227	8858	27379
2.	Assam							
3.	Bihar	192	1054	5842	10841	15792	33825	67546
4.	Gujarat	49	418	2725	5108	4956	4858	18114
5.	Haryana	20	221	1346	1883	1776	1499	6745
6.	Himachal Pradesh		3	92	364	1243	15105	16807
7.	Jammu Kashmir @	1	20	393	1046	1715	3302	6477
8.	Karnataka	35	401	2722	5239	7342	11289	27028
9.	Kerala	905	222	72	13	2	5	1219
10.	Madhya Pradesh	4	155	2046	8118	19282	41747	71352
11.	Maharashtra	116	579	3604	8954	12330	13771	39354
12.	Manipur	1	12	90	174	264	1494	2035
13.	Meghalaya			24	85	304	4489	4902
14.	Nagaland		1	47	143	241	680	1112
15.	Orissa	1	47	1234	4561	9805	30905	46553
16.	Punjab	1	120	1256	2819	3712	4434	12342
17.	Rajasthan	21	321	2335	5468	8537	18286	34968
18.	Sikkim			8	60	137	235	440
19.	Tamil Nadu	182	1000	4381	4570	3172	2526	15831
20.	Tripura	8	56	274	253	140	125	856
21.	Uttar Pradesh	52	751	8148	20380	30027	53208	112566
22.	West Bengal	82	702	4383	7538	9396	15923	38024
23.	A & N Islands			8	23	54	406	491
24.	Arunachal Pradesh		2	16	63	146	3030	3257
25.	Chandigarh			7	5	6	6	24
26.	D & N Haveli		3	7	27	16	17	70
27.	Delhi		15	71	74	36	18	214
28.	Goa, Daman & Diu	1	34	90	102	60	125	412
29.	Lakshadweep		1	4	1		1	7
30.	Mizoram			30	62	127	502	721
31.	Pondicherry		6	28	48	83	126	291
TOTAL ALL INDIA *		1834	7202	46892	94486	135928	270795	557137

Notes:- 1.\* Excludes Assam where census could not be held owing to disturbed conditions prevailing there at the time of 1981 Census.

2.@ Figures exclude that area which are under unlawful occupation of Pakistan and China where census could not be taken.

3. 1991 data is not available.

Source: Registrar General, India.

TABLE NO. 1.05 : URBAN POPULATION BY CLASS OF TOWNS/URBAN AGGLOMERATIONS 1961, 1971 AND 1981 CENSUSES

Sl. No.	Class of UAs/ town	No. of UA/Towns		Population in million				Percentage of total population			Growth rate of population	
		1961	1971	1981	1961	1971	1981	1961	1971	1981	1961-71	1971-81
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	10000 and above	106	150	226	35.0	53.2	83.0	44.8	49.3	52.6	52.0	56.5
2.	50000 - 99999	138	214	325	9.5	14.4	22.1	12.2	13.4	14.0	51.6	53.5
3.	20000 - 49999	508	643	883	15.5	19.7	26.9	19.8	18.3	17.1	27.1	36.5
4.	10000 - 19999	811	962	1247	11.2	13.6	17.7	14.3	12.6	11.2	21.4	30.1
5.	5000 - 9999	827	797	920	6.2	6.0	6.9	7.9	5.6	4.4	-3.2	15.0
6.	Less than 5000	257	288	348	0.8	0.9	1.1	1.0	0.8	0.7	12.5	22.2
ALL CLASSES		2647	3054	3949	78.2	107.8	157.7	100	100	100		

- Note :- 1. 1981, 1971 and 1961 figures exclude Assam for comparative study as census could not be taken there at the time of 1981 census due to disturbances and these figures have been worked out on the jurisdiction of 1981 census.
2. Percentage of Total Population and growth rate of population have been worked out of the population which are given in millions.
3. UA-Urban Agglomerations.
4. 1991 data is not available.

Source : Registrar General, India.





CHART NO-2  
 PERCENTAGE DISTRIBUTION OF POPULATION BY SEX & AGE GROUPS  
 DURING 1971 & 1981 CENSUSES

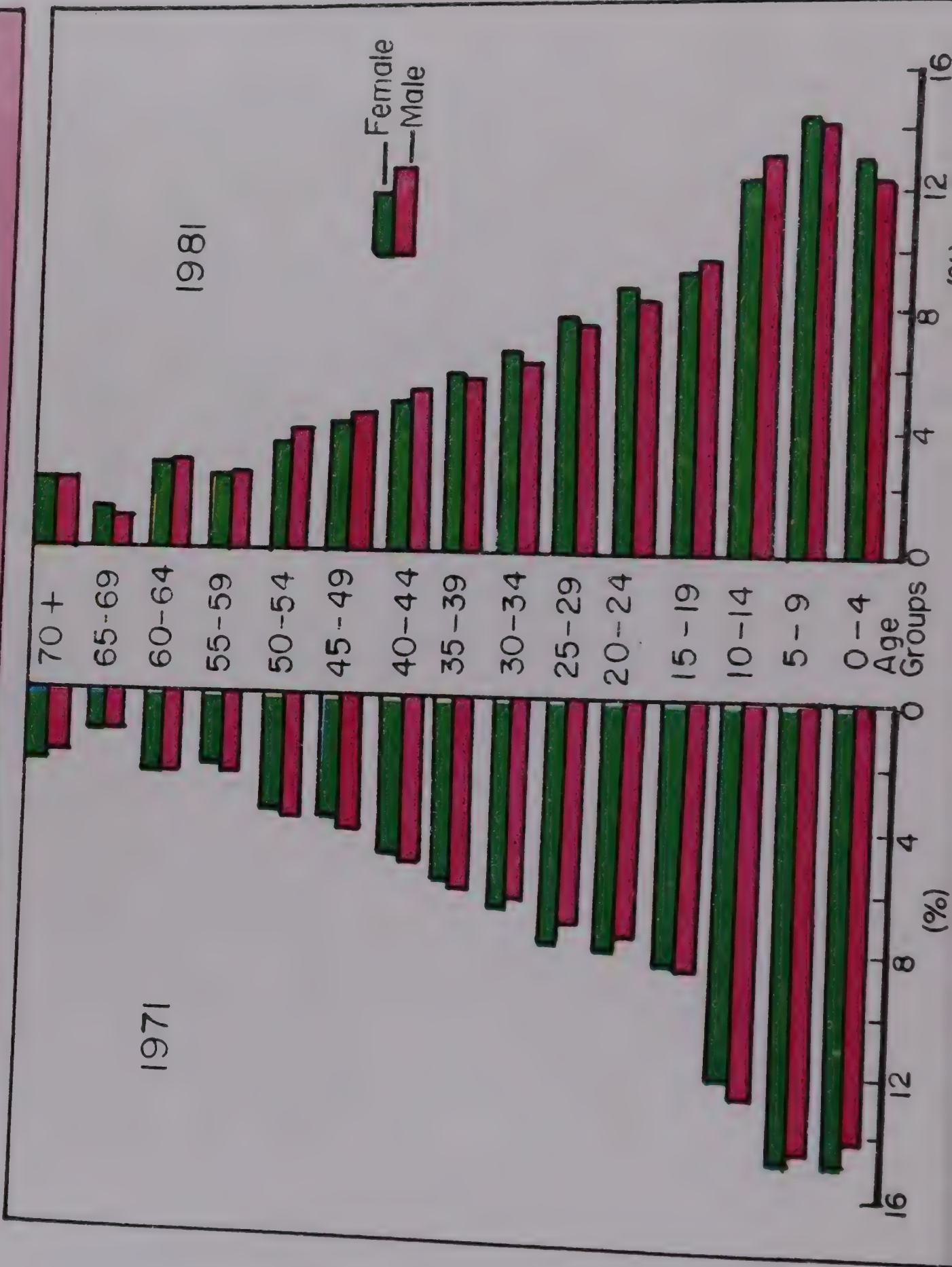




TABLE NO. 1.06 PERCENTAGE DISTRIBUTION OF POPULATION BY SEX AND AGE GROUPS DURING 1971 AND 1981 CENSUSES

AGE GROUP IN YEARS	1971			1981*		
	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES
1	2	3	4	5	6	7
0-4	14.5	14.2	14.9	12.6	12.3	12.9
5-9	15.0	14.9	15.1	14.1	14.0	14.1
10-14	12.5	12.8	12.2	12.9	13.1	12.6
15-19	8.7	8.9	8.4	9.6	9.9	9.4
20-24	7.9	7.6	8.1	8.6	8.4	8.8
25-29	7.4	7.2	7.8	7.6	7.5	7.8
30-34	6.6	6.4	6.8	6.4	6.3	6.5
35-39	6.0	6.1	5.9	5.9	5.8	5.9
40-44	5.2	5.3	5.0	5.1	5.3	5.0
45-49	4.2	4.4	3.9	4.4	4.5	4.3
50-54	3.7	3.9	3.6	3.8	4.0	3.6
55-59	2.3	2.4	2.3	2.5	2.5	2.5
60-64	2.6	2.6	2.6	2.7	2.7	2.7
65-69	1.3	1.3	1.3	1.4	1.4	1.5
70+	2.1	2.0	2.1	2.4	2.3	2.4
ALL AGES	100.0	100.0	100.0	100.0	100.0	100.0

NOTE : 1. \* - EXCLUDES ASSAM AND THE FIGURES ARE BASED ON FIVE PERCENT SAMPLE DATA.  
 2. 70+ INCLUDES THE AGE NOT STATED.  
 3. AGE WISE DATA FOR 1991 NOT AVAILABLE.

SOURCE : REGISTRAR GENERAL , INDIA.

TABLE NO. 1.07 : ESTIMATED POPULATION BY SEX AT ALL INDIA LEVEL  
DURING 1971-81

YEAR*	POPULATION IN ('000)			SEX RATIO MALES PER 1000 FEMALES	ANNUAL GROWTH RATE (%)
	TOTAL	MALES	FEMALES		
1	2	3	4	5	6
1971	547137	283503	263634	1075	2.28
1972	559623	290069	269554	1076	2.28
1973	572412	296771	275641	1076	2.29
1974	585504	303604	281900	1076	2.29
1975	598892	310560	288332	1077	2.29
1976	612575	317632	294943	1076	2.28
1977	626545	324811	301734	1076	2.28
1978	640796	332086	308710	1075	2.27
1979	655321	339448	315873	1074	2.27
1980	670112	346885	323227	1073	2.26
1981	685159	354384	330775	1071	2.25

NOTE : \* AS ON 1ST MARCH OF THE YEAR.

SOURCE : REGISTRAR GENERAL, INDIA.



TABLE NO. 1.08 : ANNUAL ESTIMATES OF POPULATION : INDIA, STATES AND UNION TERRITORIES  
AS ON 1ST MARCH 1971-1981

(In Thousands )

State / UTs.	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
1	2	3	4	5	6	7	8	9	10	11	12
ALL INDIA	547137	559623	572412	585504	598892	612575	626545	640796	655321	670112	685159
1. Andhra Pradesh	43432	44325	45244	46190	47163	48163	49189	50241	51319	52422	53550
2. Assam	14589	15036	15499	15979	16477	16994	17530	18087	18667	19269	19897
3. Bihar	56260	57417	58614	59853	61136	62465	63844	65275	66762	68307	69915
4. Gujarat	26639	27327	28029	28745	29475	30217	30971	31736	32511	33294	34086
5. Haryana	10013	10283	10558	10838	11123	11412	11706	12004	12306	12612	12923
6. Himachal Pradesh	3454	3530	3607	3686	3767	3849	3933	4018	4104	4192	4281
7. Jammu & Kashmir	4606	4740	4876	5015	5155	5295	5435	5573	5707	5837	5962
8. Karnataka	29245	29918	30614	31333	32078	32848	33646	34473	35329	36216	37136
9. Kerala	21305	21763	22217	22665	23106	23537	23955	24359	24745	25111	25454
10. Madhya Pradesh	41566	42604	43657	44720	45791	46867	47943	49017	50084	51139	52179
11. Maharashtra	50309	51520	52748	53990	55243	56503	57767	59032	60292	61545	62784
12. Manipur	1070	1103	1137	1172	1207	1242	1277	1313	1349	1385	1421
13. Meghalaya	1009	1038	1068	1098	1129	1162	1195	1229	1264	1299	1336
14. Nagaland	515	532	550	570	591	614	640	668	700	735	775
15. Orissa	21915	22391	22867	23340	23809	24270	24722	25161	25584	25988	26370
16. Punjab	13528	13806	14092	14387	14693	15010	15339	15680	16035	16404	16789
17. Rajasthan	25712	26395	27108	27855	28638	29459	30322	31230	32187	33196	34262
18. Sikkim	209	216	224	233	242	251	262	274	287	301	316
19. Tamil Nadu	41128	41959	42786	43601	44400	45174	45917	46619	47274	47873	48408
20. Tripura	1552	1592	1632	1674	1718	1764	1813	1866	1923	1985	2053

( CONT. ON NEXT PAGE )

TABLE NO. 1.08 : ( CONT. )

1	2	3	4	5	6	7	8	9	10	11	12
21.Uttar Pradesh	88205	90007	91894	93871	95946	98125	100415	102825	105363	108038	110862
22.West Bengal	44223	45198	46185	47183	48194	49218	50257	51311	52382	53472	54581
23.A. & N. Islands	115	121	127	134	141	148	156	164	172	180	189
24.Arunachal Pradesh	466	481	497	512	528	545	561	578	596	614	632
25.Chandigarh	256	270	285	300	317	334	353	374	397	423	452
26.D & N Haveli	74	76	78	80	83	86	89	92	95	99	104
27.Delhi	4051	4227	4410	4602	4803	5013	5233	5463	5704	5956	6220
28.Goa,Daman & Diu	856	884	913	941	968	994	1018	1040	1059	1075	1087
29.Lakshadweep	32	33	34	35	35	36	37	38	39	40	40
30.Mizoram	332	341	351	363	375	390	406	424	444	467	494
31.Pondicherry	471	483	496	509	523	536	550	563	577	591	605

NOTE : 1. This series of annual estimates as on 1st March, 1971-1981 has been made by breaking the decadal exponential growth rates into annual using Newtons coefficients. This method could not be used in case of Arunachal Pradesh as data for only three censuses were available. Arunachal Pradesh estimates have been done by using Newtons coefficients on the population itself.

2. The aggregate over the States and Union Territories will not exactly tally with India which has been estimated direct. The differences however are very minor.

3. The census in Jammu & Kashmir was conducted in May 1981, having a reference data of 6 May 1981. This populations as on 6-5-81 has been estimated as on 1-3-81 to confirm to the reference data for rest of the States.

Source : Registrar General, India.



TABLE NO. 1.09 : PROJECTED POPULATION OF INDIA AS ON 1ST MARCH,  
1981, 1991 AND 2001 UNDER DIFFERENT ASSUMPTIONS

A. Projected Population (1000) as on 1st March

Assumption	1981	1991	2001
High	685,159.0	841,677.9	1,021,888.4
Medium	685,159.0	837,249.4	986,098.6
Low	685,159.0	834,770.5	966,754.8

B. Birth Rates, Death Rates and assumed General Fertility Rates  
1981-2001

Assumption	BR DR GFR	1981-86	1986-91	1991-96	1996-2001
1	2	3	4	5	6
High	BR	33.2	30.8	29.3	27.6
	DR	12.2	10.7	9.5	8.6
	GFR	156	140	131	12.2
Medium	BR	33.2	29.7	26.7	23.7
	DR	12.2	10.7	9.3	8.4
	GFR	156	136	118	102
Low	BR	33.2	29.0	25.3	21.5
	DR	12.2	10.5	9.3	8.2
	GFR	156	132	111	9.1

Notes : BR = Birth Rate.

DR = Death Rate.

GFR = General Fertility Rate.

Source : Report of the Expert Committee on Population Projections  
Registrar General, India.





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## **2. VITAL STATISTICS**

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CHART NO-3  
BIRTH RATE DEATH RATE AND NATURAL GROWTH RATE  
IN INDIA 1901 1989

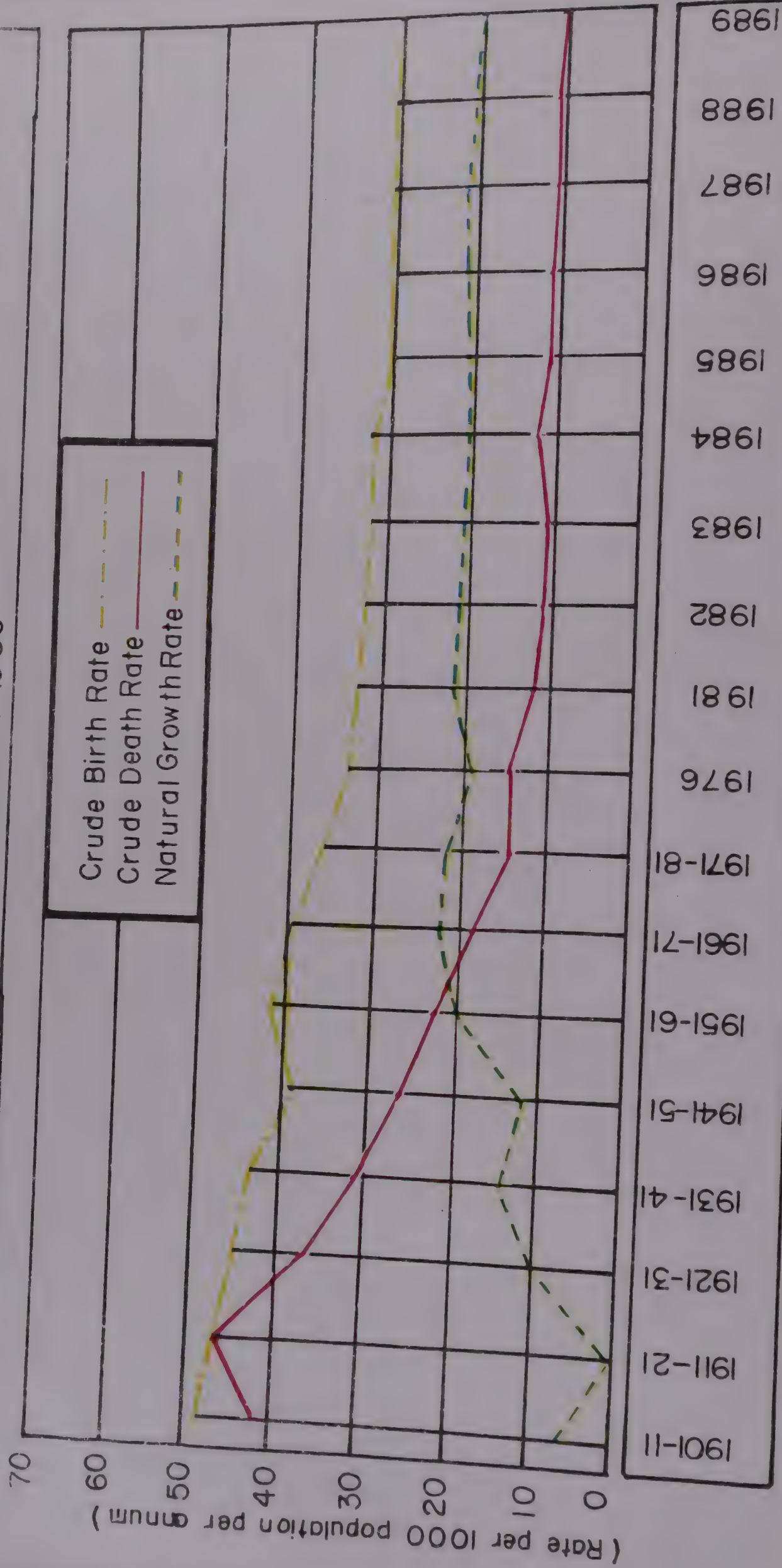


TABLE NO. 2.01: BIRTH RATE, DEATH RATE AND NATURAL GROWTH RATE IN INDIA  
1901 - 1989

(RATE PER 1000 POPULATION PER ANNUM)

YEAR	CRUDE BIRTH RATE			CRUDE DEATH RATE			NATURAL GROWTH RATE		
	R	U	C	R	U	C	R	U	C
1	2	3	4	5	6	7	8	9	10
1901-1911			49.2			42.6			6.6
1911-1921			48.1			47.2			0.9
1921-1931			46.4			36.3			10.1
1931-1941			45.2			31.2			14.0
1941-1951			39.9			27.4			12.5
1951-1961			41.7			22.8			18.9
1961-1971#			41.2			19.0			22.2
1971-1981			37.2			15.0			22.2
1971	38.9	30.1	36.9	16.4	9.7	14.9	22.5	20.4	22.0
1976	35.8	28.4	34.4	16.3	9.5	15.0	19.5	18.9	19.4
1981	35.6	27.0	33.9	13.7	7.8	12.5	21.9	19.2	21.4
1982	35.5	27.6	33.8	13.1	7.4	11.9	22.4	20.2	21.9
1983	35.3	28.3	33.7	13.1	7.9	11.9	22.2	20.4	21.8
1984	35.3	29.4	33.9	13.8	8.6	12.6	21.5	20.8	21.3
1985	34.3	28.1	32.9	13.0	7.8	11.8	21.3	20.3	21.1
1986	34.2	27.1	32.6	12.2	7.6	11.1	22.0	19.5	21.5
1987	33.7	27.4	32.2	12.0	7.4	10.9	21.7	20.0	21.3
1988	33.1	26.3	31.5	12.0	7.7	11.0	21.0	18.6	20.5
1989*	32.0	25.0	30.5	11.1	7.1	10.2	20.9	17.9	20.3

NOTE :

1. THE AGGREGATED ESTIMATES FOR (1971-78) INDIA EXCLUDE BIHAR & WEST BENGAL
2. # - RURAL URBAN BREAKUP PRIOR TO 1971 NOT AVAILABLE
3. \* - PROVISIONAL

SOURCE :

- (i) CENSUS CENTENARY 1972 POCKET BOOK OF POPULATION STATISTICS.  
REGISTRAR GENERAL OF INDIA, NEW DELHI FOR DECADE 1901 TO 1911 TO 1951-61.
- (ii) CENSUS OF INDIA 1971, SERIES-1, INDIA PAPER 1977, LIFE TABLES; REGISTRAR  
GENERAL OF INDIA, NEW DELHI FOR THE DECADE 1961-1971.
- (iii) SAMPLE REGISTRATION BULLETIN, VOL. XXIV. NO. 2, DEC 1990. FOR THE YEARS 1971  
TO 1988, REGISTRAR GENERAL OF INDIA.



TABLE NO. 2.02 : ESTIMATED ANNUAL BIRTH RATES IN INDIA STATE/UT-WISE  
DURING 1986-89

(per 1000 population)

State/Union Territory	Area	1986	1987	1988	1989*
1	2	3	4	5	6
STATES					
1. Andhra Pradesh	Combined	31.6	30.3	27.4	25.6
	Rural	32.4	30.9	27.6	26.0
	Urban	28.7	28.2	26.3	24.1
2. Arunachal Pradesh	Combined	40.2	36.3	40.0	35.2
	Rural	40.7	37.0	40.9	35.8
	Urban	33.9	29.0	30.3	28.8
3. Assam	Combined	34.7	34.2	32.9	29.1
	Rural	35.5	34.9	33.6	29.7
	Urban	24.8	25.7	24.6	21.6
4. Bihar	Combined	36.5	36.6	37.3	34.4
	Rural	37.2	37.3	38.1	35.1
	Urban	29.8	30.1	30.4	27.6
5. Goa	Combined	20.2	18.9	17.7	15.5
	Rural	19.9	19.4	17.9	15.1
	Urban	20.8	18.0	17.4	16.2
6. Gujarat	Combined	32.2	30.8	29.5	28.7
	Rural	32.9	31.6	30.1	29.6
	Urban	30.8	29.0	28.1	26.5
7. Haryana	Combined	35.3	34.5	33.8	34.8
	Rural	36.9	35.4	35.0	36.3
	Urban	29.6	31.3	29.9	29.9
8. Himachal Pradesh	Combined	30.6	30.8	32.2	27.7
	Rural	31.3	31.4	32.9	28.3
	Urban	20.0	22.7	22.8	20.3
9. Jammu & Kashmir	Combined	33.4	31.0	33.1	30.7
	Rural	35.6	32.6	35.5	32.6
	Urban	25.4	25.1	24.0	23.3
10. Karnataka	Combined	29.0	28.9	28.7	27.9
	Rural	29.9	29.9	30.1	28.9
	Urban	26.8	26.3	24.9	25.0
11. Kerala	Combined	22.5	21.7	20.3	19.8
	Rural	22.4	21.5	20.0	19.7
	Urban	23.0	22.3	21.4	20.2
12. Madhya Pradesh	Combined	37.2	36.4	37.0	35.1
	Rural	39.0	37.5	38.4	36.4
	Urban	30.1	31.9	31.2	29.8

(CONT. ON NEXT PAGE)

TABLE NO. 2.02 : (CONT.)

1	2	3	4	5	6
13. Maharashtra	Combined	30.1	28.9	29.4	28.3
	Rural	31.7	30.2	31.4	30.4
	Urban	27.4	26.6	25.8	24.4
14. Manipur	Combined	25.7	25.9	25.8	22.4
	Rural	27.4	27.7	27.7	24.3
	Urban	20.2	19.9	19.6	16.0
15. Meghalaya	Combined	35.4	34.9	36.4	31.1
	Rural	38.3	38.6	40.5	33.6
	Urban	21.7	17.6	17.7	19.0
16. Nagaland	Combined	25.2	21.7	22.3	19.8
	Rural	26.6	23.7	23.8	20.8
	Urban	18.6	13.0	15.5	14.9
17. Orissa	Combined	32.5	31.0	31.9	30.2
	Rural	33.2	31.6	32.5	30.7
	Urban	26.8	25.7	26.5	24.9
18. Punjab	Combined	28.7	28.7	28.5	28.4
	Rural	29.0	28.9	28.9	28.7
	Urban	27.6	27.9	27.5	27.5
19. Rajasthan	Combined	36.4	35.1	33.3	33.9
	Rural	37.9	36.3	34.4	35.1
	Urban	29.8	29.8	28.4	28.5
20. Sikkim	Combined	32.1	33.3	33.8	31.4
	Rural	33.8	34.6	38.5	32.8
	Urban	24.4	27.2	25.0	24.5
21. Tamil Nadu	Combined	23.8	24.0	22.7	23.1
	Rural	24.1	24.1	23.4	23.5
	Urban	23.1	23.7	21.4	22.2
22. Tripura	Combined	28.5	28.2	26.6	25.7
	Rural	29.1	29.1	27.5	26.6
	Urban	22.4	19.5	17.8	16.8
23. Uttar Pradesh	Combined	37.5	37.9	37.1	37.0
	Rural	39.1	39.3	38.2	38.8
	Urban	30.7	32.1	32.1	29.2
24. West Bengal	Combined	29.7	30.7	28.4	26.9
	Rural	33.5	34.6	32.1	30.4
	Urban	20.1	20.9	19.1	18.0
UNION TERRITORIES					
1. Andaman & Nicobar Island	Combined	25.5	26.9	22.1	20.4
	Rural	27.0	28.8	23.4	21.6
	Urban	20.6	20.1	18.1	16.3
2. Chandigarh	Combined	23.7	23.9	22.4	22.5
	Rural	29.6	29.8	26.0	29.4
	Urban	23.2	23.4	22.1	22.0

(CONT. ON NEXT PAGE)

TABLE NO. 2.02 : (CONT.)

1	2	3	4	5	6
3.Dadra & Nagar Haveli	Rural	43.4	35.8	38.3	35.3
4.Delhi	Combined	29.5	30.4	28.6	27.0
	Rural	35.9	33.6	30.6	33.1
	Urban	29.0	30.2	28.4	26.5
5.Daman & Diu	Combined	30.5	27.2	28.1	27.7
	Rural	37.2	31.8	35.7	36.5
	Urban	21.5	20.3	16.7	14.2
6.Lakshadweep	Combined	32.1	30.5	25.6	28.9
	Rural	37.0	34.7	25.8	34.8
	Urban	26.8	25.9	25.2	22.3
7.Pondicherry	Combined	22.5	22.4	22.5	21.6
	Rural	23.4	22.6	24.0	19.8
	Urban	21.8	22.2	21.4	22.1
INDIA					
(Excluding Bihar					
& West Bengal	Combined	32.4	31.9	31.2	30.4
	Rural	33.8	33.0	32.4	31.8
	Urban	27.8	28.1	27.0	25.8
INDIA					
(Including Bihar &					
West Bengal)	Combined	32.6	32.2	31.5	30.5
	Rural	34.2	33.7	33.1	32.0
	Urban	27.1	27.4	26.3	25.0

- Notes : 1. There is no Urban sample in Dadra & Nagar Haveli.  
 2. \* = Provisional  
 3. Rates are based on SRS data of continuous enumeration and are six monthly cross-check survey.

Source : Sample registration Bulletin, Vol XXIV No.2, Dec.1990,  
 Registrar General , India.



TABLE NO. 2.03 : ESTIMATED ANNUAL DEATH RATES IN INDIA STATE/UT - WISE,  
DURING 1986 - 89

(PER 1000 POPULATION)

STATE/UNION TERRITORY	AREA	1986	1987	1988	1989*
1	2	3	4	5	6
STATES					
1. ANDHRA PRADESH	COMBINED	9.9	9.9	10.2	9.3
	RURAL	10.7	10.7	10.9	10.0
	URBAN	7.1	7.3	7.4	6.5
2. ARUNACHAL PRADESH	COMBINED	15.0	13.2	17.2	14.1
	RURAL	15.9	14.2	18.4	15.0
	URBAN	4.6	2.6	5.0	4.7
3. ASSAM	COMBINED	12.6	11.6	11.8	10.3
	RURAL	12.9	11.9	12.1	10.5
	URBAN	7.9	8.1	7.9	7.5
4. BIHAR	COMBINED	13.8	13.1	12.6	12.1
	RURAL	14.4	13.6	13.0	12.5
	URBAN	8.8	8.0	8.1	7.9
5. GOA	COMBINED	7.6	7.5	7.9	7.8
	RURAL	7.9	8.5	8.5	8.2
	URBAN	6.9	5.4	6.8	7.2
6. GUJARAT	COMBINED	10.5	9.8	11.0	9.6
	RURAL	11.3	10.8	11.8	9.9
	URBAN	8.6	7.6	9.2	8.8
7. HARYANA	COMBINED	8.7	8.8	9.8	8.4
	RURAL	9.2	9.4	10.4	9.0
	URBAN	6.6	6.9	7.6	6.5
8. HIMACHAL PRADESH	COMBINED	8.7	8.5	9.5	8.7
	RURAL	8.8	8.7	9.9	8.9
	URBAN	7.2	5.3	5.0	6.1
9. JAMMU & KASHMIR	COMBINED	8.6	7.7	8.4	7.9
	RURAL	9.0	8.0	9.1	8.3
	URBAN	6.8	6.4	6.0	6.4
10. KARNATAKA	COMBINED	8.7	8.7	8.8	8.7
	RURAL	9.4	9.7	9.5	9.5
	URBAN	6.8	6.1	7.0	6.5
11. KERALA	COMBINED	6.1	6.1	6.4	5.9
	RURAL	6.0	6.1	6.3	5.9
	URBAN	6.9	6.2	6.7	6.0
12. MADHYA PRADESH	COMBINED	13.6	13.3	14.3	12.8
	RURAL	14.8	14.6	15.4	13.8
	URBAN	8.8	8.0	9.8	8.3

(CONT. ON NEXT PAGE)

TABLE NO. 2.03 : (CONT.)

1	2	3	4	5	6
13. MAHARASHTRA	COMBINED	8.4	8.3	8.9	7.9
	RURAL	9.7	9.5	10.1	8.9
	URBAN	6.1	6.1	6.7	6.1
14. MANIPUR	COMBINED	6.7	5.6	6.8	6.7
	RURAL	7.1	5.9	7.3	7.0
	URBAN	5.2	4.5	5.3	6.0
15. MEGHALAYA	COMBINED	10.1	9.1	9.1	11.3
	RURAL	11.2	10.2	10.6	12.6
	URBAN	5.3	3.6	2.7	4.8
16. NAGALAND	COMBINED	5.9	4.9	5.0	4.1
	RURAL	6.6	5.5	5.7	4.7
	URBAN	2.7	2.6	1.7	1.3
17. ORISSA	COMBINED	13.0	13.1	12.3	12.6
	RURAL	13.5	13.7	12.8	13.1
	URBAN	8.1	7.8	7.1	8.0
18. PUNJAB	COMBINED	8.2	8.1	8.4	8.3
	RURAL	8.7	8.5	8.8	8.8
	URBAN	6.6	7.1	7.2	6.8
19. RAJASTHAN	COMBINED	11.7	11.6	14.0	10.6
	RURAL	12.5	12.5	15.2	11.3
	URBAN	8.4	7.8	8.7	7.7
20. SIKKIM	COMBINED	11.7	10.3	10.1	9.1
	RURAL	12.9	11.4	11.1	10.1
	URBAN	6.1	5.4	5.5	4.3
21. TAMIL NADU	COMBINED	9.5	9.9	9.3	8.6
	RURAL	10.7	11.1	10.3	9.7
	URBAN	7.1	7.6	7.3	6.6
22. TRIPURA	COMBINED	10.3	9.2	8.1	7.7
	RURAL	10.5	9.5	8.5	7.9
	URBAN	9.2	6.3	4.6	5.7
23. UTTAR PRADESH	COMBINED	14.6	14.5	13.2	12.7
	RURAL	15.7	15.5	14.1	13.7
	URBAN	10.0	9.9	9.4	8.2
24. WEST BENGAL	COMBINED	8.8	8.8	8.4	8.6
	RURAL	9.6	9.7	9.4	9.3
	URBAN	6.9	6.5	5.9	6.8
UNION TERRITORIES					
1. ANDAMAN & NICOBAR ISLANDS	COMBINED	7.8	6.1	6.4	5.9
	RURAL	8.5	6.5	7.1	6.6
	URBAN	5.5	4.5	4.2	3.4
2. CHANDIGARH	COMBINED	4.6	3.8	4.7	3.8
	RURAL	4.6	5.8	6.0	6.6
	URBAN	4.6	3.7	4.6	3.6

(CONT. ON NEXT PAGE)

TABLE NO. 2.03 : (CONT.)

1	2	3	4	5	6
3.DADRA &NAGAR HAVELI	RURAL	9.4	11.3	9.8	8.5
4. DELHI	COMBINED	7.3	7.5	7.6	6.7
	RURAL	8.7	8.5	8.3	7.7
	URBAN	7.2	7.4	7.6	6.6
5. DAMAN & DIU	COMBINED	8.1	7.1	8.9	8.2
	RURAL	8.9	8.6	10.5	7.7
	URBAN	7.1	4.8	6.6	8.9
6. LAKSHADWEEP	COMBINED	4.9	6.3	6.6	6.0
	RURAL	5.4	6.8	6.2	8.5
	URBAN	4.2	5.7	7.0	3.1
7. PONDICHERRY	COMBINED	8.3	8.0	7.9	7.8
	RURAL	8.7	8.9	8.7	8.2
	URBAN	8.0	7.3	7.2	7.5
INDIA	COMBINED	11.0	10.9	11.1	10.1
(EXCLUDING BIHAR	RURAL	12.1	12.0	12.0	11.1
& WEST BENGAL)	URBAN	7.7	7.5	7.9	7.1
INDIA	COMBINED	11.1	10.9	11.0	10.2
(INCLUDING BIHAR	RURAL	12.2	12.0	12.0	11.1
& WEST BENGAL)	URBAN	7.6	7.4	7.7	7.1

NOTE : 1. THERE IS NO URBAN SAMPLE IN DADRA & NAGAR HAVELI.

2. \* = PROVISIONAL

3. RATES ARE BASED ON SRS DATA OF CONTINUOUS ENUMERATION  
AND SIX MONTHLY CROSS CHECK SURVEY..

SOURCE : SAMPLE REGISTRATION BULLETIN , VOL. NO. XXIV ,NO. 2 ,DECEMBER,1990,  
REGISTRAR GENERAL , INDIA..







CHART No. 4

# INFANT MORTALITY RATES IN INDIA

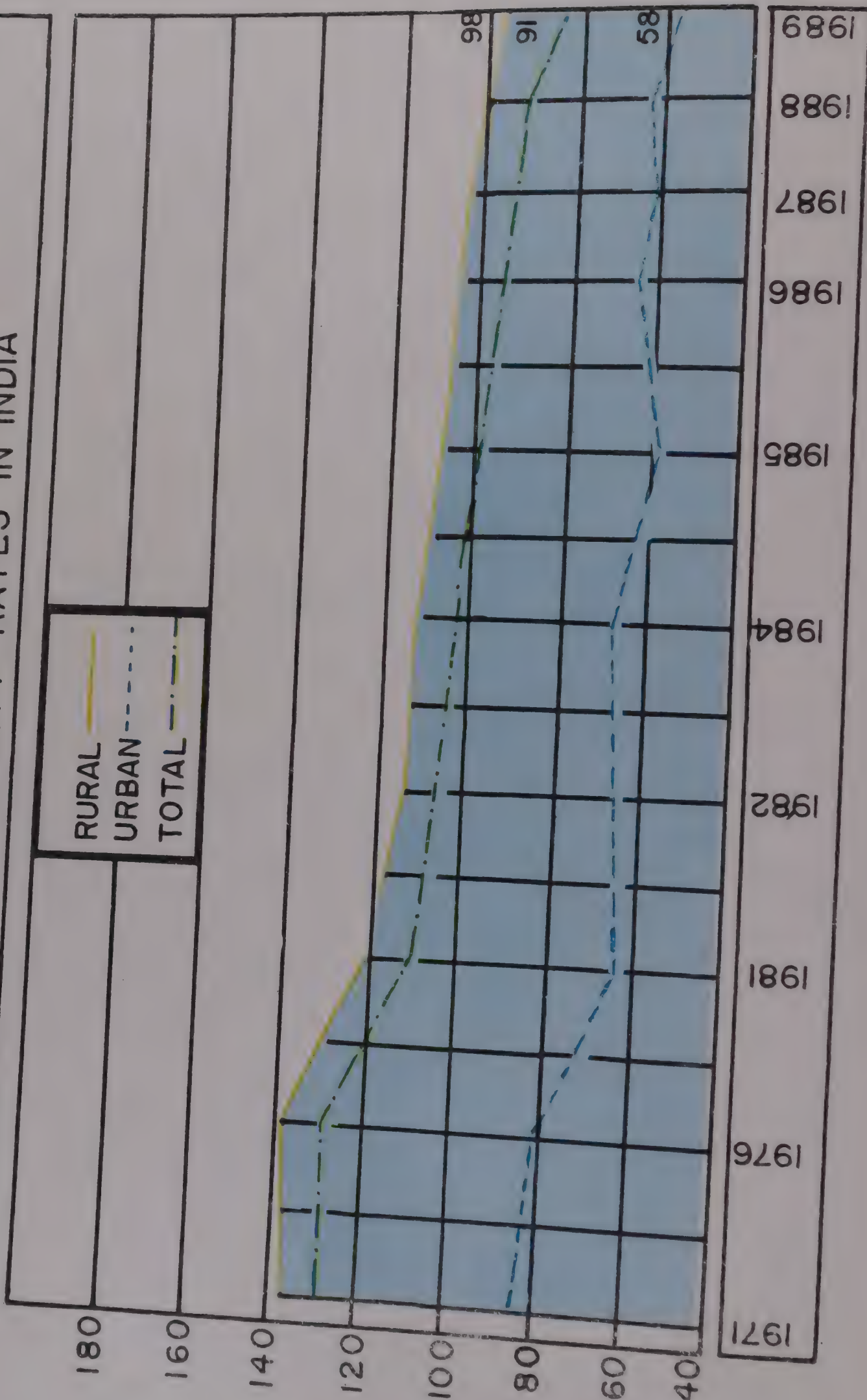




TABLE NO. 2.04 : INFANT MORTALITY RATES IN INDIA  
1911 - 1989

PERIOD	INFANT MORTALITY RATE (PER THOUSAND LIVE BIRTHS)	
1911 - 1915	204	(5 - YEARS AVERAGE)
1916 - 1920	219	DO
1921 - 1925	174	DO
1926 - 1930	178	DO
1931 - 1935	174	DO
1936 - 1940	161	DO
1941 - 1945	161	DO
1946 - 1950	134	DO
1951 - 1961	146	(ACTUARIALS REPORT)

PERIOD	INFANT MORTALITY RATE (PER THOUSAND LIVE BIRTHS)		
	RURAL	URBAN	COMBINED
1	2	3	4
1971	138	82	129
1976	139	80	129
1981	119	62	110
1982	114	65	105
1983	114	66	105
1984	113	66	104
1985	107	59	97
1986	105	62	96
1987	104	61	95
1988	102	62	94
1989*	98	58	91

---(NIC/HISD)---

NOTE : 1.\* PROVISIONAL

2. THE RATES FOR THE PERIOD 1911 - 15 TO 1941 - 45 ARE WORKED OUT BY KINSLEY DAVIS IN 'POPULATION OF INDIA AND PAKISTAN' FOR THE PERIOD 1946 - 50 BY S. CHANDRASEKHAR IN 'MORTALITY IN INDIA 1900 -55' AND FOR THE PERIOD 1951 - 61 BY THE CENSUS ACTUARY. THE RATES FOR 1971 TO 1989 ARE ESTIMATED ON THE BASIS OF SAMPLE REGISTRATION SYSTEM CONDUCTED BY THE OFFICE OF THE REGISTRAR GENERAL OF INDIA.

SOURCE : SAMPLE REGISTRATION SYSTEM, REGISTRAR GENERAL , INDIA.

TABLE NO. 2.05 : ESTIMATED INFANT MORTALITY RATES - 1989 (PROVISIONAL)  
(STATE-WISE AND RURAL/URBAN WISE)  
(PER 1000 LIVE BIRTHS)

STATE	RURAL	URBAN	COMBINED
1	2	3	4
ANDHRA PRADESH	87	53	81
ASSAM	93	63	91
BIHAR	93	63	91
GUJARAT	92	70	86
HARYANA	88	58	82
HIMACHAL PRADESH	77	33	74
JAMMU & KASHMIR	72	55	69
KARNATAKA	89	53	80
KERALA	23	15	22
MADHYA PRADESH	124	78	117
MAHARASHTRA	66	44	59
ORISSA	126	76	122
PUNJAB	72	53	67
RAJASTHAN	103	59	96
TAMILNADU	80	43	68
UTTAR PRADESH	126	75	118
WEST BENGAL	82	53	77
ALL INDIA	98	58	91

SOURCE : SAMPLE REGISTRATION SYSTEM, REGISTRAR GENERAL OF INDIA

TABLE NO. 2.06 : MORTALITY INDICATORS IN INDIA  
1983 TO 1988

INDICATORS	YEARS					
	1983	1984	1985	1986	1987	1988
1	2	3	4	5	6	7
RURAL						
CRUDE DEATH RATE	13.1	13.8	13.0	12.2	12.0	12.0
INFANT MORTALITY RATE	113.8	113.3	106.5	104.6	104.0	102.0
NEO-NATAL MORTALITY RATE	73.6	72.2	66.6	65.5	63.8	62.0
POST-NATAL MORTALITY RATE	40.2	41.1	39.9	39.1	40.5	40.1
PERI-NATAL MORTALITY RATE	57.7	58.3	52.4	51.8	54.4	53.1
STILL BIRTH RATE	9.4	11.0	10.8	10.5	13.6	13.9
URBAN						
CRUDE DEATH RATE	7.9	8.6	7.8	7.6	7.4	7.7
INFANT MORTALITY RATE	65.8	66.1	58.9	62.0	61.0	62.0
NEO-NATAL MORTALITY RATE	39.3	39.7	33.3	36.2	33.3	34.6
POST-NATAL MORTALITY RATE	26.5	26.4	25.6	25.8	27.3	27.5
PERI-NATAL MORTALITY RATE	35.4	35.7	30.4	32.7	32.4	34.5
STILL BIRTH RATE	8.4	7.9	8.9	9.0	9.8	11.7
COMBINED						
CRUDE DEATH RATE	11.9	12.6	11.8	11.1	10.9	11.0
INFANT MORTALITY RATE	104.9	104.0	97.2	96.4	95.0	94.0
NEO-NATAL MORTALITY RATE	67.2	65.8	60.1	59.8	57.7	56.8
POST-NATAL MORTALITY RATE	37.7	38.2	37.1	36.6	37.7	37.7
PERI-NATAL MORTALITY RATE	53.6	53.8	48.1	48.1	50.1	49.6
STILL BIRTH RATE	9.3	10.4	10.4	10.2	12.9	13.5

SOURCE : SAMPLE REGISTRATION SYSTEM, REGISTRAR GENERAL, INDIA.



TABLE NO. 2.07 : AGE SPECIFIC DEATH RATES (0-14 YEARS) IN INDIA  
1971-1988

YEAR	AGE GROUP	RURAL		URBAN	
		MALE	FEMALE	MALE	FEMALE
1971	0-4	53.2	59.3	31.1	33.3
	5-9	5.0	5.4	2.4	2.9
	10-14	2.2	2.3	1.6	1.2
1976	0-4	54.2	55.9	29.0	30.1
	5-9	4.8	5.4	2.2	3.3
	10-14	2.6	2.6	1.1	1.5
1981	0-4	43.1	48.0	20.0	20.9
	5-9	4.1	5.0	1.7	1.7
	10-14	1.8	1.8	1.6	1.4
1982	0-4	42.2	45.7	21.2	20.5
	5-9	3.4	4.3	1.4	1.8
	10-14	1.9	1.9	0.8	1.0
1983	0-4	40.5	43.1	21.1	21.7
	5-9	3.4	4.0	2.0	1.8
	10-14	1.7	2.0	0.9	1.2
1984	0-4	44.2	48.2	22.6	23.8
	5-9	4.1	5.3	1.6	2.1
	10-14	1.7	2.2	1.2	1.3
1985	0-4	41.4	45.3	19.4	22.1
	5-9	3.7	4.8	1.4	1.9
	10-14	2.0	2.1	1.2	0.9
1986	0-4	38.6	43.3	20.3	21.5
	5-9	3.3	4.2	1.6	1.8
	10-14	1.6	1.8	0.9	1.1
1987	0-4	37.8	41.8	18.1	18.2
	5-9	3.3	4.4	1.3	1.9
	10-14	1.6	1.6	1.1	0.9
1988	0-4	35.1	39.1	18.8	18.7
	5-9	3.6	3.9	1.6	1.8
	10-14	1.6	1.8	0.7	1.2

NOTE : FOR 1981 AND ONWARDS INCLUDES BIHAR & WEST BENGAL.  
SOURCE: SAMPLE REGISTRATION SYSTEM (SRS) REGISTRAR GENERAL, INDIA.

02338 E5/100

COMMUNITY HEALTH CELL  
326, V Main, I Block  
Koramangala  
Bangalore-560034  
India



CHART-5

# AGE SPECIFIC DEATH RATES IN INDIA - 1988

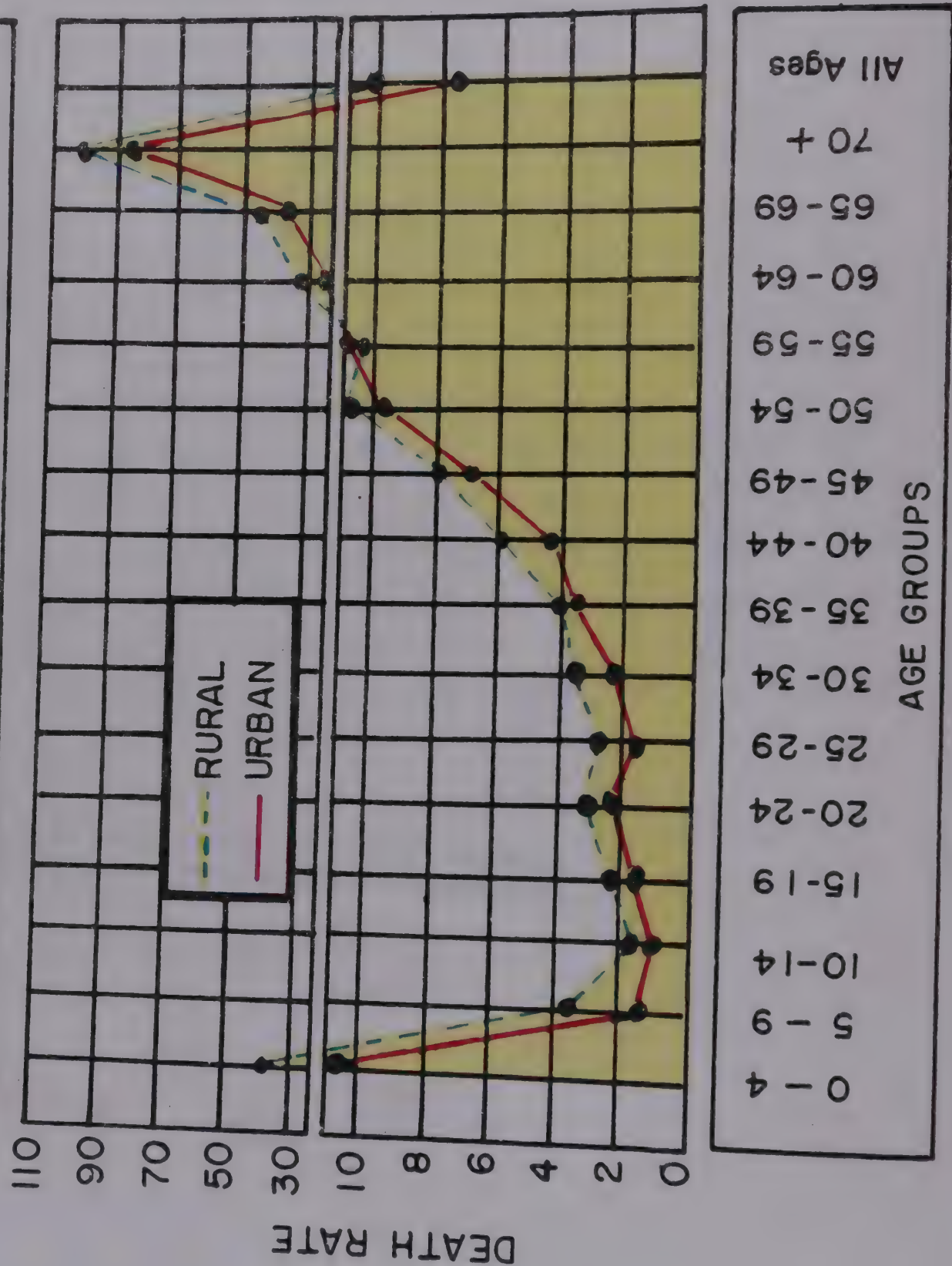




TABLE NO. 2.08 : AGE SPECIFIC DEATH RATES IN INDIA  
1983 - 1988

AGE GROUPS	YEAR					
	1983	1984	1985	1986	1987	1988
RURAL						
0 - 4	41.8	46.2	43.3	40.8	39.7	35.7
5 - 9	3.6	4.7	4.2	3.7	3.8	3.6
10 - 14	1.8	1.9	2.0	1.7	1.6	1.7
15 - 19	2.5	2.5	2.6	2.5	2.4	2.5
20 - 24	3.4	3.6	3.5	3.2	3.1	3.0
25 - 29	3.4	3.6	3.6	3.3	3.0	2.9
30 - 34	4.0	3.7	3.9	3.6	3.5	3.2
35 - 39	4.8	4.6	4.3	4.6	4.0	4.2
40 - 44	5.9	6.2	6.4	6.0	5.7	5.8
45 - 49	8.2	8.5	8.8	7.9	7.9	8.1
50 - 54	13.3	13.8	13.2	12.9	12.1	12.3
55 - 59	19.0	18.3	19.8	17.8	18.2	18.2
60 - 64	32.6	33.8	32.9	32.3	31.5	30.4
65 - 69	48.6	46.5	45.3	45.4	42.6	45.7
70+	100.5	109.2	100.1	91.8	89.6	94.3
ALL AGES	13.1	13.8	13.0	12.2	12.0	12.0

Contd. on next page

TABLE NO.2.08 CONTD.

AGE GROUPS	YEAR					
	1983	1984	1985	1986	1987	1988
URBAN						
0 - 4	21.4	23.2	20.7	20.9	18.2	18.7
5 - 9	1.9	1.8	1.7	1.7	1.6	1.7
10 - 14	1.0	1.2	1.0	1.0	1.0	0.9
15 - 19	1.7	1.8	1.5	1.7	1.5	1.3
20 - 24	2.1	2.5	2.1	2.1	1.9	2.2
25 - 29	2.1	2.2	1.9	2.3	1.9	1.8
30 - 34	2.5	2.2	2.7	2.4	2.3	2.4
35 - 39	3.4	3.4	3.2	3.3	2.9	3.4
40 - 44	5.0	5.5	4.7	4.0	4.3	4.2
45 - 49	6.9	7.7	7.6	7.3	6.4	6.7
50 - 54	11.8	12.0	12.4	11.8	10.7	11.9
55 - 59	18.8	18.4	17.7	18.0	16.7	19.4
60 - 64	29.6	31.2	30.4	27.2	27.5	26.6
65 - 69	38.1	45.1	35.4	38.2	41.0	41.9
70+	83.5	98.5	90.0	88.1	88.5	91.7
ALL AGES	7.9	8.6	7.8	7.6	7.4	7.7

Contd. on next page

TABLE NO. 2.08 : (CONT.)

AGE GROUPS	YEARS						
	1983	1984	1985	1986	1987	1988	
COMBINED							
0 - 4	37.6	41.2	38.4	36.6	35.2	33.3	
5 - 9	3.3	4.1	3.7	3.3	3.3	3.2	
10 - 14	1.7	1.8	1.8	1.6	1.5	1.5	
15 - 19	2.3	2.3	2.3	2.3	2.2	2.2	
20 - 24	3.1	3.3	3.1	2.9	2.8	2.8	
25 - 29	3.1	3.3	3.1	3.0	2.7	2.6	
30 - 34	3.6	3.3	3.6	3.3	3.2	3.0	
35 - 39	4.4	4.3	4.0	4.2	3.7	4.0	
40 - 44	5.7	6.0	6.0	5.6	5.3	5.4	
45 - 49	7.9	8.3	8.5	7.8	7.6	7.8	
50 - 54	13.0	13.4	13.0	12.6	11.8	12.2	
55 - 59	19.0	18.3	19.3	17.8	17.9	18.4	
60 - 64	32.0	33.3	32.4	31.3	30.7	29.7	
65 - 69	46.6	46.2	43.3	44.0	42.3	45.0	
70+	97.2	107.1	98.1	91.0	89.4	93.8	
ALL AGES	11.9	12.6	11.8	11.1	10.9	11.0	

SOURCE : SAMPLE REGISTRATION SYSTEM , REGISTRAR GENERAL , INDIA.



TABLE NO. 2.09 : ESTIMATED AGE (BY SEX) SPECIFIC DEATH RATES IN INDIA 1988

Age-Group	Rural			Urban			Combined		
	M	F	P	M	F	P	M	F	P
	2	3	4	5	6	7	8	9	10
0-4	35.1	39.1	35.7	18.1	18.7	18.7	31.8	34.9	33.3
5-9	3.6	3.9	3.6	1.6	1.8	1.7	3.0	3.4	3.2
10-14	1.6	1.8	1.7	0.7	1.2	0.9	1.4	1.7	1.5
15-19	2.0	3.1	2.5	1.1	1.6	1.3	1.8	2.8	2.2
20-24	2.5	3.4	3.0	1.8	2.7	2.2	2.3	3.2	2.8
25-29	2.5	3.3	2.9	1.9	1.7	1.8	2.4	2.9	2.6
30-34	3.0	3.5	3.2	2.6	2.1	2.4	2.9	3.2	3.0
35-39	4.6	3.8	4.2	4.1	2.5	3.4	4.5	3.5	4.0
40-44	6.8	4.7	5.8	5.0	3.4	4.2	6.4	4.4	5.4
45-49	9.4	6.7	8.1	7.8	5.5	6.7	9.0	6.6	7.8
50-54	14.0	10.6	12.3	14.3	9.2	11.9	14.0	10.3	12.2
55-59	20.4	15.8	18.2	21.9	16.6	19.4	20.7	16.0	18.4
60-64	33.9	27.1	30.4	30.8	22.4	26.6	33.2	26.1	29.7
65-69	51.1	40.6	45.7	48.1	36.0	41.9	50.5	39.7	45.0
70 & over	100.8	88.1	94.3	100.9	84.0	91.7	100.9	87.3	93.8
All Ages	11.9	12.0	12.0	7.9	7.4	7.7	11.0	11.0	11.0

Note : M = Male, F = Female, P = Person

Source: Sample Registration System, Registrar General, India.



CHART NO. 6

EXPECTATION OF LIFE AT BIRTH  
(IN YEARS) 1901 - 1980

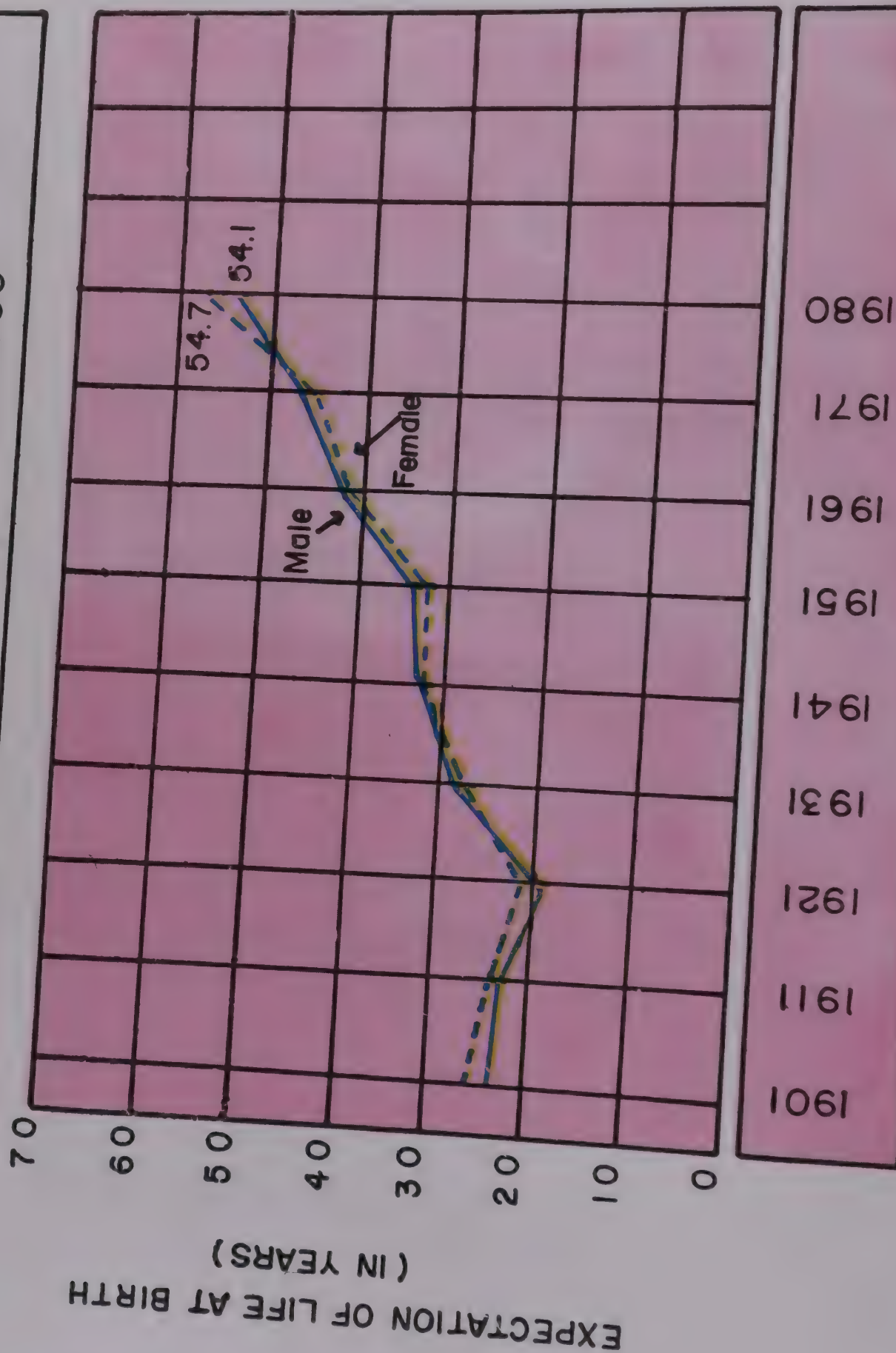




TABLE NO. 2.10 : EXPECTATION OF LIFE (YEARS)- INDIA CENSUS--1901-1980.

Census Year	AT BIRTH		AGE 10		AGE 20		AGE 30		AGE 40		AGE 50		AGE 60	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1901	23.63	23.96	34.73	33.86	28.59	28.64	22.90	23.82	17.91	19.12	13.59	14.50	9.53	10.02
1911(a)	22.59	23.31	33.36	33.74	27.46	27.96	22.45	22.99	18.01	18.49	13.97	14.28	10.00	10.11
1921	19.42	20.91	29.64	29.21	25.46	25.41	21.64	21.78	17.93	18.31	14.30	14.95	10.67	11.67
1931(a)	26.91	26.56	36.38	33.61	29.57	27.08	23.60	22.30	18.60	18.23	14.31	14.65	10.25	10.81
1941	32.09	31.37	41.20	38.56	35.02	33.11	29.03	27.89	23.27	22.91	17.77	18.17	12.59	13.68
1951	32.45	31.66	38.97	39.45	33.03	32.90	26.58	26.18	20.53	21.06	14.89	16.15	10.13	11.33
1961	41.89	40.55	45.21	43.78	36.99	35.63	29.03	27.86	22.07	22.37	16.45	17.46	11.77	12.98
1971(b)	46.40	44.70	48.80	47.70	41.10	39.90	33.50	32.00	25.90	25.40	19.20	19.70	13.60	13.80
1980(c)	54.1	54.7	56.1	58.0	47.0	49.2	38.0	41.0	29.3	32.5	21.4	24.3	14.6	17.0

NOTE : 1. M=Male F=Female

2. (a) Expectation of life during the census years 1911 and 1931 relate to birth and age groups to 10-19, 20-29, 30-39, 40-49, 50-59, 60-69.  
 (b) Based on 10% rural and 20% Urban Sample.  
 (c) Population projections for India 1981-2001, Paper 1 of 1984.

SOURCE : REGISTRAR GENERAL OF INDIA, MINISTRY OF HOME AFFAIRS.  
 REPORT OF THE EXPERT COMMITTEE ON POPULATION, PROJECTION,  
 OCCASIONAL PAPER NO. 4, OF 1988.

TABLE NO.2.11 : PROJECTED VALUES OF EXPECTATION OF LIFE AT BIRTH :  
FROM 1981 TO 2001 , INDIA

PERIOD	PROJECTED VALUE OF EXPECTATION OF LIFE AT BIRTH(IN YEARS)		
	PERSONS *	MALES	FEMALES
1	2	3	4
1980 (BASE YEAR)	54.4	54.1	54.7
1981 - 86	56.0	55.6	56.4
1986 - 91	58.6	58.1	59.1
1991 - 96	61.1	61.1	61.7
1996 - 2001	63.5	62.8	64.2
2001	64.8	64.8	65.6

NOTE : \* ESTIMATED BY TAKING SEX RATIO AS 105 MALES TO 100 FEMALES.

SOURCE : REGISTRAR GENERAL OF INDIA, MINISTRY OF HOME AFFAIRS.  
REPORT OF THE EXPERT COMMITTEE ON POPULATION, PROJECTION,  
OCCASIONAL PAPER NO. 4 OF 1988.

TABLE NO. 2.12 : EXPECTATION OF LIFE AT BIRTH : FOR PERSONS

INDIA, STATE	1951-61	1961-71	E(0)FOR PERSONS FOR PERIOD AS IN COLUMN (5)**	FIGURES IN COL(4) ARE BASED ON AVERAGE ASMRs OF SRS FOR THE YEAR (s)
1	2	3	4	5
INDIA	41.2	47.7	54.4	1980 ONLY
ANDHRA PRADESH	36.9	44.4	55.7	1979-80
ASSAM	36.8*	46.0*	48.8	1976-78
BIHAR	37.6	41.0	52.3	1981 ONLY
GUJARAT	40.0	53.7	54.5	1979-80
HARYANA	-	50.6	58.6	-do-
KARNATAKA	40.2	44.6	58.5	-do-
KERALA	48.3	48.8@	66.5	-do-
MADHYA PRADESH	40.6	54.4	50.2	-do-
MAHARASHTRA	45.2	54.4	58.1	-do-
ORISSA	40.9	44.7	50.8	-do-
PUNJAB	47.5*	43.8	62.8	-do-
RAJASTHAN	46.8	49.4	52.5	1978-80
TAMILNADU	39.8	49.6	55.9	1979-80
UTTAR PRADESH	38.9	43.0	46.8	1978-80
WEST BENGAL	44.3	44.9	55.1	1981 ONLY

NOTE : 1.\* THE VALUES FOR THESE STATES RELATE TO STATES AS AT THE TIME OF THE RESPECTIVE CENSUSES.

2.@ - CALCULATED WITHOUT ADJUSTMENT DUE TO DECLINE IN MORTALITY.

3.\*\* - REPORT OF THE EXPERT COMMITTEE ON POPULATION PROJECTIONS APPROVED BY THE PLANNING COMMISSION.

SOURCE: COL.2 : CENSUS OF INDIA 1961  
LIFE TABLES 1951-61

COL.3 : CENSUS OF INDIA 1971 PAPER 1 OF 1977.  
LIFE TABLE 1961-71 (BASED ON 10% RURAL & 20% URBAN  
SAMPLE).





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### **3. SOCIO-ECONOMIC INDICATORS**

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CHART No.7

# NATIONAL INCOME & PER CAPITA INCOME IN INDIA

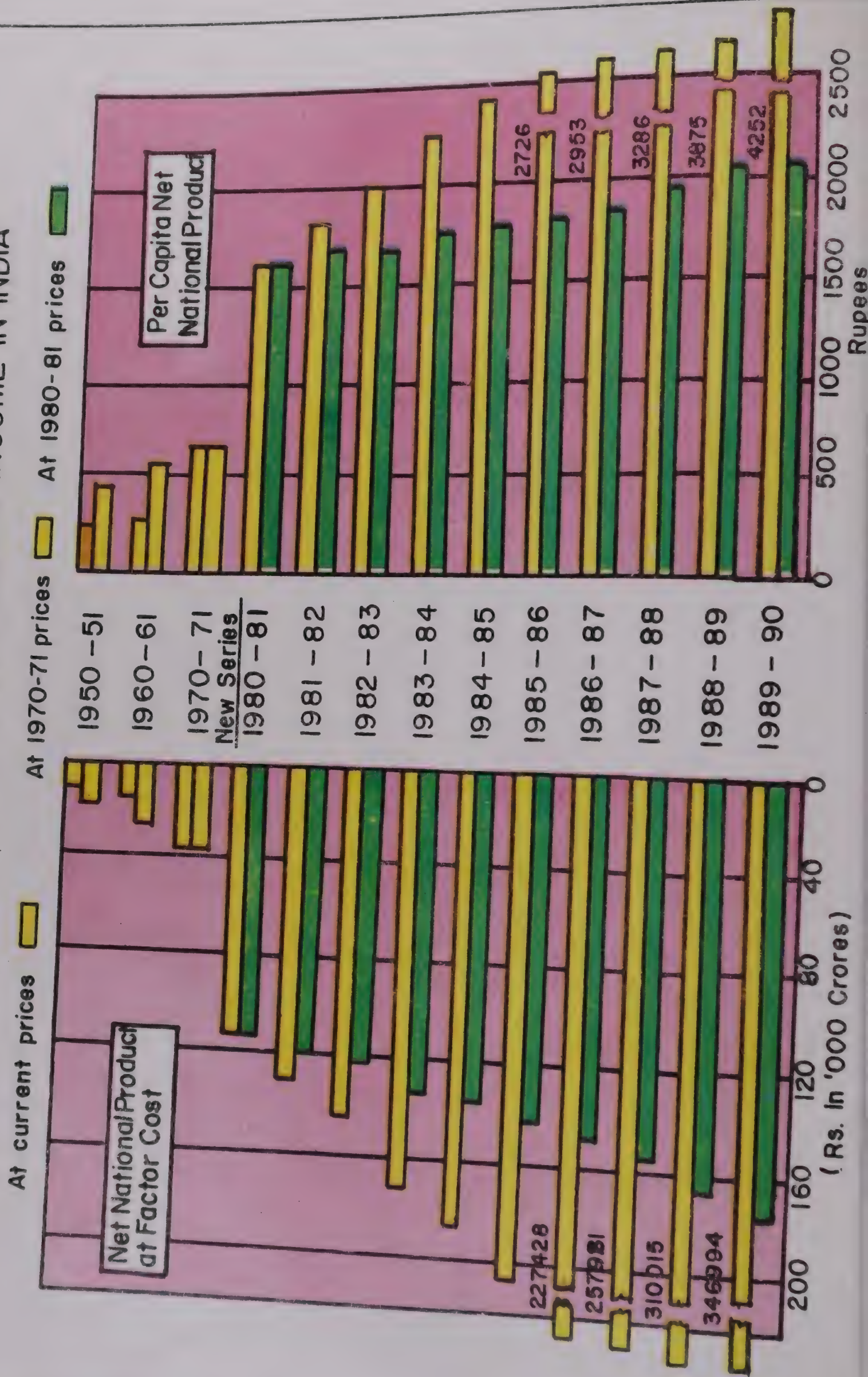




TABLE NO. 3.01 : NATIONAL INCOME AND PER CAPITA INCOME IN INDIA  
1950-51 TO 1989-90

YEAR	Gross National Product at Factor Cost (Rs. Crores)		Net National Product at Factor cost (Rs. Crores)		Per Capita Net National Product (Rs.)	
	At Current Prices	At 1980-81 Prices	At Current Prices	At 1980-81 Prices	At Current Prices	At 1980-81 Prices
	1	2	3	4	5	6
1950-51	8,938	42,644	8,525	40,454	237.5	1126.9
1955-56	9,707	51,119	9,106	48,288	231.7	1228.7
1960-61	15,182	62,532	14,160	58,602	326.3	1350.3
1965-66	23,899	71,338	22,107	65,734	455.8	1355.3
1970-71	39,424	89,465	36,362	82,211	672.1	1519.6
1975-76	70,946	104,660	64,531	95,433	1,063.1	1572.2

NEW SERIES

YEAR	At Current Prices	At 1980-81 Prices	At Current Prices	At 1980-81 Prices	At Current Prices	At 1980-81 Prices
	2	3	4	5	6	7
	1	2	3	4	5	6
1980-81	1,22,772	1,22,772	1,10,685	1,10,685	1,630.1	1,630.1
1981-82	1,43,256	1,29,928	1,28,797	1,17,140	1,855.9	1,687.9
1982-83	1,58,761	1,33,299	1,41,875	1,19,704	2,001.1	1,688.3
1983-84	1,85,779	1,43,861 <sup>a</sup>	1,66,550	1,29,392	2,300.4	1,787.2
1984-85+	2,07,153	1,49,292	1,85,062	1,33,844	2,504.2	1,811.2
1985-86+	2,32,047	1,55,399	2,05,810	1,39,059	2,726.0	1,841.8
1986-87+	2,57,250	1,60,975	2,27,427	1,43,682	2,953.6	1,866.0
1987-88+	2,91,647	1,67,703	2,57,961	1,49,408	3,286.1	1,903.3
1988-89+	3,49,105	1,85,543	3,10,015	1,66,200	3,875.2	2,042.1
1989-90 <sup>a</sup>	3,92,524	1,95,237	3,46,994	1,74,798	4,252.4	2,142.1

NOTE : +Provisional

<sup>a</sup> Quick Estimates

Source: Economic Survey 1990-91

Economic Division, Min. of Finance.



TABLE NO. 3.02 : PER CAPITA NET AVAILABILITY PER DAY OF  
CEREALS AND PULSES IN INDIA  
1951-1990  
(IN GRAMS)

YEAR	CEREALS	PULSES	TOTAL
1	2	3	4
1951	334.2	60.7	394.9
1956	360.4	70.3	430.7
1961	399.7	69.0	468.7
1966	359.9	48.2	408.1
1971	417.6	51.2	468.8
1976	373.8	50.5	424.3
1981*	416.2	37.5	453.7
1982*	414.8	39.2	454.0
1983*	396.9	39.5	436.4
1984*	436.1	41.8	477.9
1985*	415.6	38.1	453.7
1986*	434.3	44.0	478.3
1987*	436.1	36.6	472.7
1988*	413.2	38.0	451.2
1989*	456.0	42.2	497.2
1990*	438.1	36.5	474.6

NOTE : \* - PROVISIONAL

SOURCE: ECONOMIC SURVEY 1990-91, ECONOMIC DIVISION, MIN. OF FINANCE.

TABLE NO. 3.03 : LITERACY RATES FOR 1981 AND 1991 BY SEX

Sl. No.	India/State/ Union Territory	Percentage of Literates to estimated population aged 7 years and above					
		1981			1991		
		Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8
	INDIA	43.56	56.37	29.75	52.11	63.86	39.42
	States						
1.	Andhra Pradesh	35.66	46.83	24.16	45.11	56.24	33.71
2.	Arunachal Pradesh	25.54	35.11	14.01	41.22	51.10	29.37
3.	Assam	NA	NA	NA	53.42	62.34	43.70
4.	Bihar	32.03	46.58	16.51	38.54	52.63	23.10
5.	Goa	65.71	76.01	55.17	76.96	85.48	68.20
6.	Gujarat	52.21	65.14	38.46	60.91	72.54	48.50
7.	Haryana	43.85	58.49	26.89	55.33	67.85	40.94
8.	Himachal Pradesh	51.17	64.27	37.72	63.54	74.57	52.46
9.	Jammu & Kashmir *	32.68	44.18	19.55	NA	NA	NA
10.	Karnataka	46.20	58.72	33.16	55.98	67.25	44.34
11.	Kerala	81.56	87.74	75.65	90.59	94.45	86.93
12.	Madhya Pradesh	34.22	48.41	18.99	43.45	57.43	28.39
13.	Maharashtra	55.83	69.66	41.01	63.05	74.84	50.51
14.	Manipur	49.61	64.12	34.61	60.96	72.98	48.64
15.	Meghalaya	42.02	46.62	37.15	48.26	51.57	44.78
16.	Mizoram	74.26	79.37	68.60	81.23	84.06	78.09
17.	Nagaland	50.20	58.52	40.28	61.30	66.09	55.72
18.	Orissa	40.96	56.45	25.14	48.55	62.37	34.40
19.	Punjab	48.12	55.52	39.64	57.14	63.68	49.72
20.	Rajasthan	30.09	44.76	13.99	38.81	55.07	20.84
21.	Sikkim	41.57	52.98	27.35	56.53	64.34	47.23
22.	Tamil Nadu	54.38	68.05	40.43	63.72	74.88	52.29
23.	Tripura	50.10	61.49	38.01	60.39	70.08	50.01
24.	Uttar Pradesh	33.33	47.43	17.18	41.71	55.35	26.02
25.	West Bengal	48.64	59.93	36.07	57.72	67.24	47.15
	Union Territories						
1.	A & N Island	63.16	70.28	53.15	73.74	79.68	66.22
2.	Chandigarh	74.81	78.89	69.31	78.73	82.67	73.61
3.	Dadra & Nagar Haveli	32.70	44.69	20.38	39.45	52.07	26.10
4.	Daman & Diu	59.91	74.45	46.51	73.58	85.67	61.38
5.	Delhi	71.93	79.28	62.57	76.09	82.63	68.01
6.	Lakshadweep	68.42	81.24	55.33	79.23	87.06	70.88
7.	Pondicherry	65.14	77.09	53.03	74.91	83.91	65.79

NOTE : 1. \* The 1991 Census has not yet been conducted in Jammu &amp; Kashmir.

2. N.A. stands for "not available".

TABLE NO. 3.04 : 'ELEMENTARY EDUCATION IN INDIA : PROGRESS OF ENROLMENT  
1950-51 TO 1989-90

(Million Persons)

Year	Primary level (Class I-V) Age 6-11 years			Middle level (Class VI to VIII) Age 11-14 years		
	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
	2	3	4	5	6	7
1950-51	13.8	5.4	19.2	2.6	0.5	3.1
1960-61	23.6	11.4	35.0	5.1	1.6	6.7
1970-71	35.7	21.3	57.0	9.4	3.9	13.3
1980-81	45.3	28.5	73.8	13.2	6.8	20.0
1981-82	46.7	29.4	76.1	14.7	7.2	21.9
1982-83	48.6	30.9	79.5	15.7	7.7	23.4
1983-84	50.4	32.2	82.6	16.6	8.6	25.2
1984-85	51.9	33.7	85.6	17.2	9.0	26.2
1985-86	52.2	35.2	87.4	17.7	9.6	27.3
1986-87(P)	53.8	36.1	89.9	18.6	10.2	28.8
1987-88(P)	55.2	37.8	93.0	19.2	10.7	29.9
1988-89(P)	57.1	38.6	95.7	19.8	11.2	31.0
1989-90(P)	57.7	39.6	97.3	20.3	11.8	32.2
7th Plan Target	55.0	40.9	95.9	25.1	16.5	41.6

ENROLMENT AS PERCENTAGE OF THE CORRESPONDING AGE-GROUP

1	2	3	4	5	6	7
1950-51	60.0	24.8	43.1	20.6	4.6	12.9
1960-61	82.6	41.4	62.4	33.2	11.3	22.5
1970-71	95.5	60.5	78.6	46.3	19.9	33.4
1980-81	95.8	64.1	80.5	54.3	28.6	41.9
1981-82	98.9	66.2	83.1	56.0	29.7	43.3
1982-83	103.0	69.7	86.8	58.3	31.8	45.5
1983-84	106.9	72.6	90.2	60.6	33.2	47.3
1984-85	110.3	76.0	93.6	61.3	34.1	48.1
1985-86	111.1	79.2	95.6	61.8	35.3	49.0
1986-87(P)	111.8	79.2	95.9	66.5	38.9	53.1
1987-88(P)	113.1	81.3	97.9	68.9	40.6	55.1
1988-89(P)	115.7	82.5	99.6	70.8	42.3	56.9
1989-90(P)	115.5	83.6	99.9	73.0	44.6	59.2
7th Plan Target	110.0	86.5	98.5	90.0	62.4	76.5

Note : P--Provisional.

Source : Deptt.of Education,Ministry of Human Resources Development.



TABLE NO. 3.05 : EMPLOYMENT IN THE ORGANISED SECTOR \* BY ZONES/STATES/UTS  
AS ON 31-03-89(PROVISIONAL)

Sl. No.	ZONES/ STATES/ U.Ts.	Total Employment			Women Employment		
		Public Sector	Private Sector	Total	Public Sector	Private Sector	Total
1	2	3	4	5	6	7	8
I.	North Zone	2957857	890274	3848131	356179	115022	471201
1.	Haryana	391112	196062	587174	52796	15700	68496
2.	Punjab	550258	214618	764876	81132	21236	102368
3.	Himachal Pradesh	251270	27202	278472	27808	2908	30716
4.	Chandigarh	57594	15656	73250	8594	2642	11236
5.	Delhi	614475	202179	816654	75740	25064	100804
6.	Rajasthan	899439	225070	1124509	91618	45737	137355
7.	Jammu & Kashmir	193709	9487	203196	18491	1735	20226
II.	Central Zone	3484966	772890	4257856	285537	71124	356661
8.	Madhya Pradesh	1376244	237023	1613267	131244	25392	156636
9.	Uttar Pradesh	2108722	535867	2644589	154293	45732	200025
III.	North-Eastern Zone	757268	536289	1293557	100199	245262	345461
10.	Assam	476809	518589	995398	54116	238417	292533
11.	Meghalaya	58156	4556	62712	9546	1775	11321
12.	Manipur	50309	859	51168	7104	234	7338
13.	Mizoram	29026	1334	30360	6433	434	6867
14.	Nagaland	58898	1594	60492	10028	463	10491
15.	Tripura	84070	9357	93427	12972	3939	16911
IV.	Eastern Zone	3584158	1259209	4843367	252979	164671	417650
16.	Bihar	1394717	259030	1653747	95481	17460	112941
17.	Orissa	623250	101376	724626	45866	11667	57533
18.	West Bengal	1566191	898803	2464994	111632	135544	247176
V	Western Zone	3206342	2061623	5267965	436597	233730	670327
19.	Gujarat	931584	683901	1615485	133954	64724	198678
20.	Maharashtra	2214354	1349403	3563757	290964	163646	454610
21.	Goa	60404	28319	88723	11679	5360	17039
VI.	Southern Zone	4497005	1946035	6443040	752799	526877	1279676
22.	Andhra Pradesh	1325034	356163	1681197	134785	71751	206536
23.	Karnataka	1000000	300000	1300000	100000	70000	170000
24.	Kerala	602248	494003	1096251	172328	212571	384899
25.	Pondicherry	100000	100000	200000	100000	100000	200000
26.	Tamil Nadu	1540802	688652	2229454	292573	165596	458169
27.	A & N Islands**	28452	3247	31699	2808	98	2906
GRAND TOTAL		18516048	7469567	25985615	2187098	1356784	3543882

Note : 1.\* Includes all establishments in the Public Sector irrespective of size of employment and those non-agricultural establishments in the private sector employing 10 or more persons.

2. Lakshadweep, Pondicherry, Dadra & Nagar Haveli and Lakshadweep are not covered under EMI Programme.

3.\*\* The territory of A. & N. Islands is outside the zonal classification as per State Reorganisation Act, 1956.

Source : Directorate General of Employment & Training.



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#### **4. PATTERN OF INVESTMENT AND EXPENDITURE ON HEALTH**

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CHART No.8

# PLAN OUTLAY IN DIFFERENT PLAN PERIODS ON HEALTH, FAMILY WELFARE & WATER SUPPLY

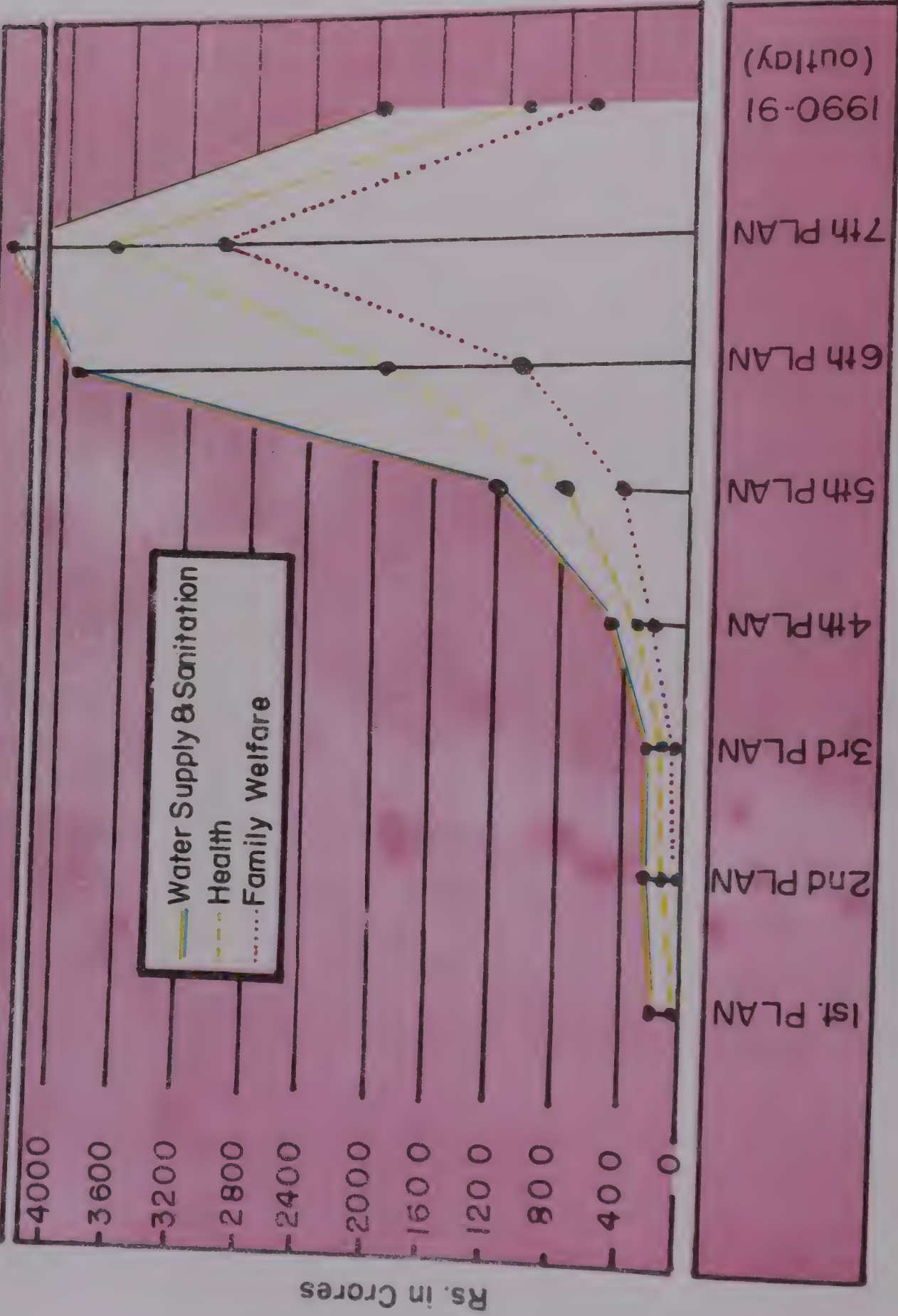




TABLE NO. 4.01 : PATTERN OF INVESTMENT ON HEALTH, FAMILY WELFARE AND WATER SUPPLY ETC.  
(PLAN OUTLAYS) IN DIFFERENT PLAN PERIODS IN PUBLIC SECTOR-CENTRE, STATES AND  
UNION TERRITORIES.

(RS. CRORES)

SL. NO.	PERIOD	Total Plan Investment outlay (all heads of devp.)	Health	Family Welfare	Sub-Total	Water Supply & sanitation
1	2	3	4	5	6	7
1.	First Plan (Actuals) (1951-56)	1960.0 (100)	65.2 (3.3)	0.1 (-)	65.3 (3.3)	11.0 (0.6)
2.	Second plan (Actuals) (1956-61)	4672.0 (100)	140.8 (3.0)	5.0 (0.1)	145.8 (3.1)	74.0 (1.6)
3.	Third Plan (1961-66)	8576.5 (100)	225.9 (2.6)	24.9 (0.3)	250.8 (2.9)	105.7 (1.2)
4.	Annual plan (Actuals) (1966-69)	6625.4 (100)	140.2 (2.1)	70.4 (1.1)	210.6 (3.2)	102.7 (1.6)
5.	Fourth plan (Actuals) (1969-74)	15778.8 (100)	335.5 (2.1)	278.0 (1.8)	613.5 (3.9)	458.9 (2.9)
6.	Fifth plan (Actuals) (1974-79)	39426.2 (100)	760.8 (1.9)	491.8 (1.3)	1252.6 (3.2)	1091.6 (2.8)
7.	1979-80 (Actuals)	12176.5 (100)	223.1 (1.8)	118.5 (1.0)	341.6 (2.8)	387.6 (3.2)
8.	VI th plan (100)	97500.0 (100)	1821.0 (1.9)	1010.0 (1.0)	2831.0 (2.9)	3922.0 (4.0)
9.	1980-81 (Actuals)	14832.4 (100)	269.6 (1.8)	141.9 (1.0)	411.5 (2.8)	517.4 (3.5)
10.	1981-82 (Actuals)	18210.9 (100)	346.5 (1.9)	183.9 (1.0)	530.5 (2.9)	640.2 (3.5)
11.	1982-83 (Actuals)	21282.9 (100)	386.9 (1.8)	288.3 (1.4)	675.2 (3.2)	729.6 (3.4)
12.	1983-84 (Actuals)	25087.5 (100)	470.2 (1.9)	382.9 (1.5)	853.1 (3.4)	992.6 (4.0)
13.	1984-85 (Actuals)	29878.0 (100)	552.0 (1.9)	380.0 (1.3)	942.0 (3.1)	1097.7 (3.6)
14.	Total Sixth Plan (1980-85)	109291.7 (100)	2025.2 (1.8)	1387.0 (1.3)	3412.2 (3.1)	3977.6 (3.6)

( CONT. ON NEXT PAGE )

TABLE NO. 4.01 : (CONT.)

1	2	3	4	5	6	7
		1985-90	1986-87	1987-88	1988-89	1989-90
15.	Seventh Plan (outlay)	180000.0	3392.9	3256.3	6649.2	6522.5
	(1985-90)	(100)	(1.9)	(1.8)	(3.7)	(3.6)
16.	1985-86 (Actuals)	33059.9	579.9	479.8	1059.7	1181.1
		(100)	(1.8)	(1.4)	(3.2)	(3.6)
17.	1986-87 (Actuals)	39149.1	641.8	561.1	1202.9	1292.5
		(100)	(1.6)	(1.4)	(3.0)	(3.3)
18.	1987-88 (Actuals)	42920.6	724.3	607.4	1331.7	1469.3
		(100)	(1.7)	(1.4)	(3.1)	(3.4)
19.	1988-89 (Actuals)	48069.8	831.0	671.8	1502.8	1541.7
		(100)	(1.7)	(1.4)	(3.1)	(3.2)
20.	1989-90 (R.E.)	57016.9	917.1	638.0	1555.1	1638.1
		(100)	(1.6)	(1.1)	(2.7)	(2.9)
21.	TOTAL 7TH PLAN	220216.3	3694.1	2958.1	6652.2	7122.7
	(1985 - 90)	(100)	(1.7)	(1.3)	(3.0)	(3.2)
22.	1990-91 (outlay)	64716.8	1068.4	675.0	1743.4	1912.8
		(100)	(1.7)	(1.0)	(2.7)	(3.0)

Note :1. Figures in bracket indicate percentage to total (Col.3)

2. R.E. : Revised Estimates

Source : Economic Survey 1990-91 and Planning Commission.

TABLE NO. 4.02 : SEVENTH PLAN OUTLAYS ON HEALTH AND FAMILY WELFARE (RS. IN CRORES)

SL. NO.	PROGRAMME	STATES/UTs	CENTRALLY SPONSERED	CENTRAL SCHEMES	TOTAL
1	2	3	4	5	6
<b>HEALTH</b>					
1.	Minimum Needs Programme/ Rural Programme	1063.35	33.00		1096.35
2.	Control of Communicable Diseases	474.67	521.50	16.50	1012.67
3.	Hospitals and Dispensaries			65.75	
4.	Medical Education and training			100.00	75.51
5.	ICMR				
6.	Indian System of Medicine and Homoeopathy	957.53	3.25	40.00	1283.87
7.	ESI			41.83	
8.	Other Programmes				
	<b>TOTAL</b>	<b>2495.55</b>	<b>557.75</b>	<b>339.59</b>	<b>3392.89</b>
<b>FAMILY WELFARE</b>					
			3256.26		3256.26

SOURCE : PLANNING COMMISSION



TABLE NO. 4.03 : HEALTH AND F.W. SECTOR OUTLAY DURING SEVENTH PLAN

(RS. IN CRORES/10 MILLION)

PROGRAMME	SEVENTH FIVE YEAR PLAN (1985-90)					1986 - 87			
	1	2	3	4	5	6	7	8	9
		CENTRALLY SPONSORED SCHEMES	PURELY CENTRAL SCHEME	STATE/ UTs	TOTAL	CENTRALLY SPONSORED SCHEMES	PURELY CENTRAL SCHEME	STATES UTs	TOTAL
<b>I. HEALTH PROGRAMME</b>									
1. RURAL HEALTH PROGRAMME		33.00		1063.35	1096.35	4.05		172.60	176.65
2. CONTROL OF COMMUNICABLE DISEASES		521.50	16.50			118.90	4.46		123.36
3. HOSPITAL & DISPENSARIES			65.75				16.02		16.02
4. MEDICAL EDUCATION, RESEARCH & TRAINING									
5. INDIAN SYSTEM OF MEDICINE & HOMOEOPATHY			171.51	1432.20	2296.54		39.86	315.64	511.59
6. E.S.I		3.25	40.00			0.60	9.06		12.91
7. OTHER PROGRAMME			41.83				7.05		7.05
<b>TOTAL I (HEALTH PROGRAMME)</b>		557.75	339.59	2495.55	3392.55	123.55	76.45	494.24	694.24
<b>I. FAMILY WELFARE PROGRAMME</b>		3256.26			3256.26	530.00			530.00

(CONT. ON NEXT PAGE)

TABLE NO. 4.03 : ( CONT. )

PROGRAMME	1987 - 88				1988 - 89			
	CENTRALLY SPONSORED SCHEME	PURELY CENTRAL SCHEME	STATES/ UTS	TOTAL	CENTRALLY SPONSORED SCHEME	PURELY CENTRAL SCHEME	STATES/ UTS	TOTAL
1	10	11	12	13	14	15	16	17
<b>I. HEALTH PROGRAMME</b>								
1. RURAL HEALTH PROGRAMME	3.00	-	205.84	208.84	2.78	-	228.69	231.47
2. CONTROL OF COMMUNI- CABLE DISEASES	121.00	5.60 14.21			120.95	7.20 33.61		
3. HOSPITAL & DISPENSARIES								
4. MEDICAL EDUCATION, RESEARCH & TRAINING		41.88				46.92	411.42	634.64
5. INDIAN SYSTEM OF MEDICINE & HOMOEOPATHY	0.80	10.08	411.55	613.55	0.77	8.17		
6. E.S.I		8.43				7.60		
7. OTHER PROGRAMMES								
TOTAL I (HEALTH PROGRAMME)	124.80	80.20	617.39	822.39	124.50	103.50	640.11	868.11
<b>II. FAMILY WELFARE PROGRAMME</b>								
	585.00	-	-	585.00				

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TABLE NO. 4.03 : ( CONT. )

PROGRAMME	1989 - 90				1990 - 91				
	CENTRALLY SPONSERED SCHEMES	PURELY CENTRAL SCHEME	STATE/UTs	TOTAL	CENTRALLY SPONSERED SCHEMES	PURELY CENTRAL SCHEME	STATES /UTs	TOTAL	
1	18	19	20	21	22	23	24	25	
I. HEALTH PROGRAMME									
1.RURAL HEALTH PROGRAMME	1.96	-	266.37	268.33	1.60	-	335.52	337.10	
2.CONTROL OF COMMUNICABLE CABLE DISEASES	129.70	9.70	-	-	137.80	7.80	-	-	
3.HOSPITAL & DISPENSARIES	-	28.51	-	-	-	18.05	-	-	
4.MEDICAL EDUCATION, RESEARCH & TRAINING	-	49.18	431.39	669.43	-	56.45	457.84	731.24	
5.INDIAN SYSTEM OF MEDICINE & HOMOEOPATHY	0.57	7.69	-	-	1.00	12.33	-	-	
6.E.S.I.	-	-	-	-	-	-	-	-	
7.OTHER PROGRAMMES	-	12.69	-	-	5.70	9.25	-	-	
* 8.CONTROL OF CONTAINMENT	-	-	-	-	-	25.02	-	-	
TOTAL I(HEALTH PROGRAMMES)	132.23	107.77	697.76	937.76	146.10	128.90	793.36	1068.30	
II.FAMILY WELFARE PROGRAMMES									
	653.00	-	-	653.00	675.00	-	-	675.00	
NOTE : * OF NON-COMMUNICABLE DISEASES.									

NOTE : \* OF NON-COMMUNICABLE DISEASES.

SOURCE : PLANNING COMMISSION



TABLE NO. :4.04 : PER CAPITA (PUBLIC SECTOR)EXPENDITURE ON HEALTH  
(MEDICAL AND PUBLIC HEALTH) AND FAMILY WELFARE DURING  
THE YEAR 1985-86 TO 1987-88

Sl. No.	State/UT	1985-86 (Rs.)		1986-87 (Rs.)		1987-88 (Rs.)	
		Health	F.W.	Health	F.W.	Health	F.W.
1	2	3	4	5	6	7	8
1.	Andhra Pradesh	39.08	7.86	43.02	6.44	52.73	7.61
2.	Arunachal Pradesh	246.24	1.62	300.70	3.28	328.95	3.99
3.	Assam	44.93	6.36	54.68	6.91	65.71	6.57
4.	Bihar	23.79	4.52	29.02	4.54	27.95	5.30
5.	Goa, Daman & Diu.	224.31	4.17	246.09	4.44	298.38a	4.83a
6.	Gujarat	44.45	9.40	61.95	8.58	70.19	9.16
7.	Haryana	60.05	8.79	56.20	6.71	65.29	7.44
8.	Himachal Pradesh	133.08	15.44	144.79	14.74	185.07	14.73
9.	Jammu & Kashmir	156.10	4.42	175.38	4.42	203.06	4.76
10.	Karnataka	34.24	8.86	40.59	9.59	49.27	11.73
11.	Kerala	45.36	9.12	54.42	11.17	58.68	11.79
12.	Madhya Pradesh	40.67	7.08	45.12	7.59	56.53	7.13
13.	Maharashtra	63.43	6.82	69.41	6.36	69.62	5.97
14.	Manipur	133.73	12.14	202.81	11.58	162.81	14.24
15.	Meghalaya	167.60	10.33	167.39	9.41	189.95	10.31
16.	Mizoram	329.05	10.47	400.32	12.60	446.12	13.08
17.	Nagaland	1017.87	23.57	1037.66	22.33	408.82	16.52
18.	Orissa	33.32	6.75	40.03	5.93	44.51	7.45
19.	Punjab	55.37	8.07	59.76	8.36	69.30	8.33
20.	Rajasthan	65.87	6.95	72.40	6.66	88.43	7.46
21.	Sikkim	170.86	12.84	178.12	13.68	352.15	17.82
22.	Tamil Nadu	47.57	5.23	49.31	6.63	58.95	6.85
23.	Tripura	73.32	4.49	84.54	6.17	114.26	7.44
24.	Uttar Pradesh	26.51	6.78	28.07	7.89	33.42	8.32
25.	West Bengal	37.54	4.64	41.59	5.01	44.59	6.52
26.	Pondicherry	153.47	6.21	170.64	7.92	198.71	8.24
ALL INDIA		47.82	7.24	54.57	7.61	60.61	8.17

Note: 1. All India total includes Union Govt. expenditure (Expenditure in respect of Central Govt. and U.Ts. of A&N Islands, Chandigarh, D & N Haveli, Delhi and Lakshadweep).

2. Figures for the year 1987-88 in respect Meghalaya & Nagaland are provisional.

3. a = Figures relates to Goa only.

Source : 1. The expenditure figures (Revenue & Capital) on Medical, Public Health & F.W. for the years 1985-86 to 1987-88 have been obtained from the Comptroller & Auditor General of India.

2. The per capita expenditure for respective years have been worked out on the basis of mid year estimated population furnished by the Registrar General of India.



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**5. TARGETS AND ACHIEVEMENTS  
UNDER DIFFERENT HEALTH  
PROGRAMMES**

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TABLE NO. 5.01 : TARGETS FOR MAJOR SCHEMES UNDER CONTROL OF  
COMMUNICABLE DISEASES PROGRAMME DURING  
SEVENTH PLAN 1985 - 90

SL. NO.	NAME OF THE SCHEME	INDEX	CURRENT POSITION	TARGET SET FOR 1985-90 PLAN
1	2	3	4	5
1.	Malaria Control Programme	(a) Annual parasite Index (b) Deaths recorded and verified	2.16 (1990) 222 (1990)	1.9 Nil
2.	National Leprosy Eradication Programme.	(a) Cases detected (b) Cases put on treatment (c) Cases discharged	24.46 lakhs 23.72 lakhs 27.98 lakhs	19.62 lakhs 19.62 lakhs 24.47 lakhs
3.	Control of Blindness.	(a) % of Blindness	1.4 %	0.5 %
4.	T.B. Control Programme.	(a) Total No. of cases detected as % to total estimated cases. (b) Disease arrested cases.	42 % 66 %	50 % 70 %
5.	Filaria Control Programme	Population under Protection.	42.60 million	45 million

Source : Respective Programme Officers.

TABLE NO. 5.02 : PHYSICAL TARGETS AND ACHIEVEMENTS UNDER RURAL HEALTH PROGRAMME  
DURING SEVENTH PLAN 1985-90

Sl. No.	Item/Programme	Units	Total requirement	Position likely by 1-4-85	Target set for 1985-90
1	2	3	4	5	6
1.	Health Guide	Nos.	450000	350000	100000
2.	Sub-centres	Nos.	137000	83000	54000
3.	Primary Health centres/SHCs	Nos.	23000	11000	12000
4.	Community Health Centre	Nos.	5417	649	1553
5.	Training of Female MPWs	Nos.	130000	80000	60000
6.	Training of Male MPWs	Nos.	130000	80000	60000
7.	Employment of Male MPWs	Nos.	130000	80000	50000
8.	Training and Employment of Females Health Assistant	Nos.	21500	15000	6500
9.	Training and Employment of Male Health Assistants	Nos.	21500	15000	6500
10.	Construction Works	Numbers likely by 1989-90	Centres having building of their own by 1-4-85(i)	Construction works projec in Seventh Plan	Percentage in own building by end of Seventh Plan
(a)	Sub-centre	137000	33475	23837	40
(b)	PHCs/SHCs	23000	8578	10057	80
(c)	Community Health Centres	2202	547	1539	90

Source : Seventh Five Year Plan , 1985-90 , Vol ii , Planning Commission



TABLE NO. 5.03 : MINIMUM NEEDS PROGRAMME : TARGETS AND OUTLAYS IN 7TH FIVE YEAR PLAN  
(1985-90)

Head	Objective	Target by 1990	Outlays (Rs. crores/ 10 million)	
			States/UTs	Central Sector
1	2	3	4	5
1. Rural Health	1.Establishment of one sub-centre for a population 5,000 in the plains and 3,000 in Tribal and hilly areas by 2,000 A.D.	To establish 54000 subcentres in addition to 83000 existing sub-centres so as to achieve the objective fully.	1063.35	33.00
	2.One PHC for 30000 population in plains and 20000 in tribal and hilly areas by 2000 A.D.	To establish 12000 PHCs in addition to the existing 11000 with a view to achieving the targetfully		
	3.Establishment of one community Health Centre for a population of one lakh or one CD Block by 2000 A.D.	In addition to the existing 649 CHCs 1553 more CHC would be established for achieving 40.65% of the target.		
2. Rural Water Supply		Coverage of all the remaining 39000 problem villages as well as the newly identified problem villages as on 1-4-85 as a priority item, after which other villages with inadequate supply of water will be taken up.	2253.25	1201.22
3. Nutrition		Nutrition support would be continued to 22.8 millions eligible persons	1731.74	
		and the SNP will be expanded to all the ICDS Projects. MDM Programme will be consolidated and linked to health,potable water and sanitation	1732.86	

Source : Seventh Five Year Plan 1985-90 , Vol ii , Planning Commission



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## **6. MEDICAL AND PARA-MEDICAL EDUCATION**

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CHART No.9  
 NUMBER OF STUDENTS ADMITTED TO 1st YEAR MBBS  
 COURSE & QUALIFIED FINAL MBBS IN INDIA DURING THE  
 ACADEMIC YEARS 1973-74 TO 1989-90

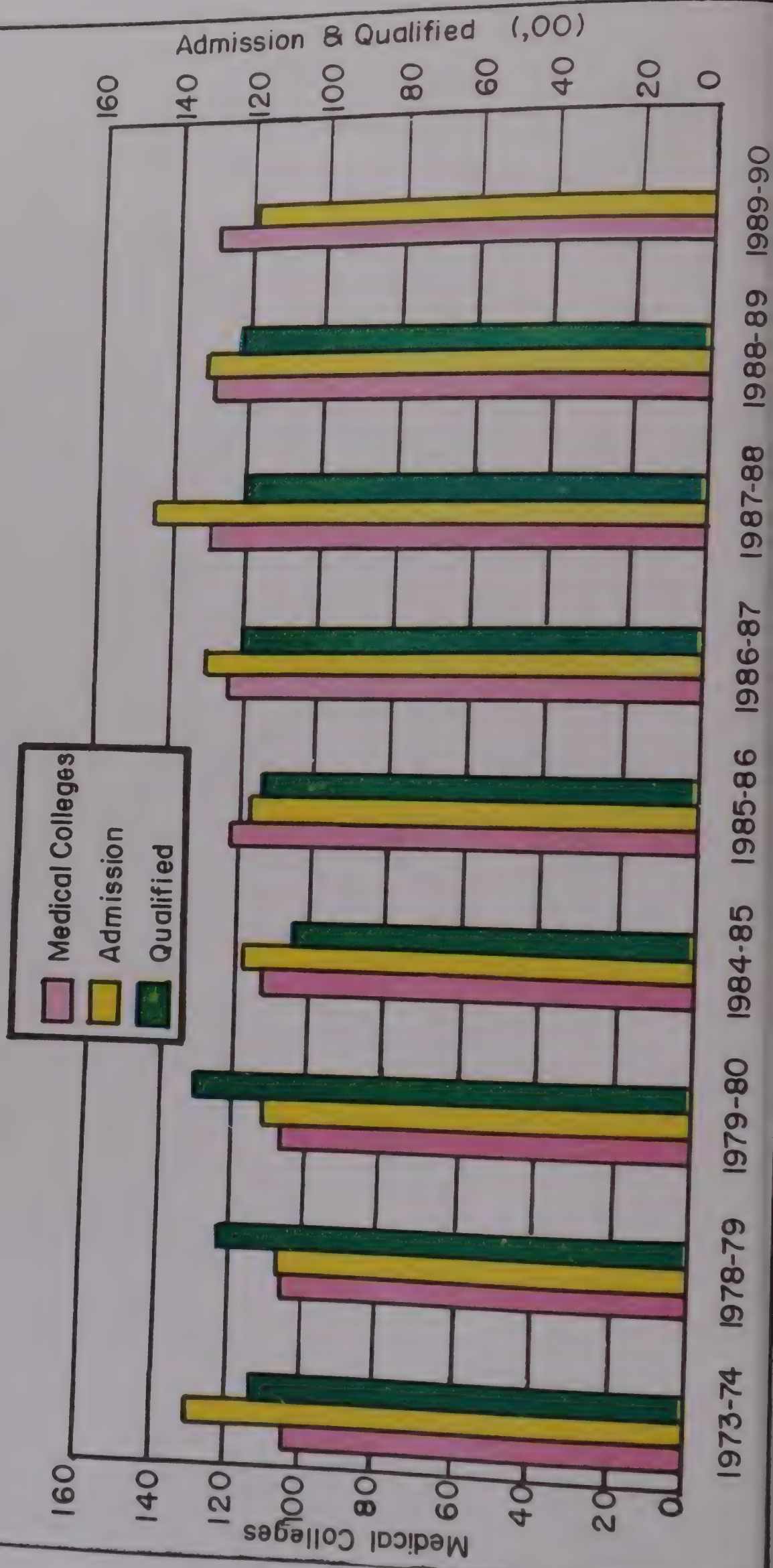




TABLE NO. 6.01 : NUMBER OF STUDENTS ADMITTED TO 1ST YEAR M.B.B.S COURSE AND QUALIFIED FINAL M.B.B.S IN INDIA DURING THE ACADEMIC YEARS 1971-72 TO 1989-90

YEAR	TOTAL NO. OF MEDICAL COLLEGES	NO. OF STUDENTS	
		ADMITTED	QUALIFIED
1	2	3	4
1971-72	98	12048	10825
1972-73	100	12041	11311
1973-74	105	13205	11364
1974-75	105	11561	11911
1975-76	106	11213	11982*
1976-77	106	11176	11962*
1977-78	106	11117\$	13783*
1978-79	106	10658\$	12190*
1979-80	107a	11121\$	13083*
1980-81	109a	11431	12170
1981-82	111a	11269	12197*
1982-83	111a	11652\$	11992*
1983-84	111a	11414\$	10511*
1984-85	116a	11817\$	10469*
1985-86	122a	12017\$	11470*
1986-87	125a	13647\$	12280*
1987-88	128a	14166\$	12100*
1988-89	128	13262\$	12292
1989-90	128	11791\$	N.R.

NOTE: 1.N.R.-NOT RECEIVED.

2.a- TOTAL NUMBER OF MEDICAL COLLEGES INCLUDES UNRECOGNISED MEDICAL COLLEGES FROM 1979-80 ONWARDS.

3.\$- DATA NOT RECEIVED FROM 4 MEDICAL COLLEGES IN 1977-78, 8 IN 1978-79, 2 IN 1979-80, 6 IN 1982-83 AND 1983-84, 10 IN 1984-85, 11 IN 1985-86, 7 IN 1986-87, 9 IN 1987-88, 12 IN 1988-89 AND 22 IN 1989-90.

4.\*- DATA NOT RECEIVED FROM 2 COLLEGES IN 1975-76, 1 IN 1976-77, 2 IN 1977-78, 7 IN 1978-79, 2 IN 1979-80, 6 IN 1981-82 AND 7 IN 1982-83, 14 IN 1983-84, 15 IN 1984-85, 10 IN 1985-86, 6 IN 1986-87, 13 IN 1987-88 AND 2 IN 1988-89.

SOURCE : MEDICAL COUNCIL OF INDIA.

TABLE NO. 6.02 : NUMBER OF STUDENTS ADMITTED TO THE 1ST YEAR M.B.B.S  
COURSE AND PASSED OUT IN FINAL M.B.B.S. (SEX-WISE)  
IN INDIA DURING 1971-72 TO 1989-90

Year	No. of Medical Colleges	Admission			Passed out		
		Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8
1971-72	98	9451	2597	12048	7908	2917	10825
1972-73	100	9142	2889	12041	8448	2863	11311
1973-74	105	10469	2736	13205	8695	2669	11364
1974-75	105	9039	2522	11561	9069	2842	11911
1975-76	106	8743	2470	11213	9284	2698	11982
1976-77	106	8448	2728	11176	9260	2702	11962
1977-78	106	6470	4647	11117	10768	3015	13783
1978-79	106	7740	2918	10658	9660	2530	12190
1979-80	107	7747	3274	11021+ 100*	10379	2704	13083
1980-81	109	7672	3429	11101+ 330*	9399	2771	12170
1981-82	111	7292	3457	10749+ 520*	9087	3110	12197
1982-83	111	7088	3974	11062+ 590*	8952	3040	11992
1983-84	111	6812	4006	10818+ 596*	7527	2984	10511
1984-85	116	6750	3860	10610+1207*	7408	3061	10469
1985-86	122	6321	3769	10090+1927*	7720	3750	11470
1986-87	125	7154	4468	11622+2025*	8061	4219	12280
1987-88	128	8648	5518	14166	7715	4385	12100
1988-89	128	7979	5283	13262	7734	4558	12292
1989-90	128	7098	4693	11791	N.R.	N.R.	N.R.

NOTE :1.N.R = Not Received.

2.\* The bifurcation of Male and Female for the admissions in new medical colleges started during the year 1979-80 to 1986-87 as shown separately year wise is not available.

Source : Medical Council of India.

TABLE NO. 6.03 : NUMBER OF POST-GRADUATE (DEGREE/DIPLOMA) AWARDED IN  
VARIOUS DISCIPLINES OF MEDICAL SCIENCE BY VARIOUS  
UNIVERSITIES FROM 01-01-1990 TO 31-12-1990

SUBJECTS	DEGREE			DIPLOMA		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1	2	3	4	5	6	7
1.Anatomy	14	6	20	0	0	0
2.Physiology	12	1	13	0	0	0
3.Biochemistry	9	3	12	0	0	0
4.Pharmacology	11	1	12	0	0	0
5.Pathology & Bact.	55	12	67	0	0	0
6.Medicine	224	23	247	0	0	0
7.Surgery	182	17	199	0	0	0
8.Obst. & Gynae.	99	121	220	25	23	48
9.Ophthalmology	55	24	79	28	16	44
10.Paediatrics	101	48	149	44	13	57
11.Orthopaedics	61	0	61	25	1	26
12.Anaesthesia	55	22	77	19	20	39
13.Bact. & Micro.	6	4	10	2	0	2
14.Soc. & Prev. Med.	6	0	6	0	0	0
15.Psychiatry	16	5	21	8	3	11
16.Derm. & Ven.	13	5	18	5	7	12
17.Cardiology	10	1	11	0	0	0
18.Neuro-surgery	6	1	7	0	0	0
19.Neurology	7	2	9	0	0	0
20.Gastroenterology	2	-	2	0	0	0
21.Radio-diagnosis	5	2	7	0	0	0
22.Radio-therapy	1	1	2	0	0	0
23.E.N.T.	60	5	65	15	2	17
24.Radiology	26	7	33	15	8	23
25.Card. Thor. Surg.	8	1	9	0	0	0
26.Forensic Medicine	7	1	8	0	0	0
27.Plastic Surgery	6	0	6	0	0	0
28.Paed. Surgery	5	0	5	0	0	0
29.Urology	6	0	6	0	0	0
30.T.B.	10	6	16	0	0	0
31.Nephrology	3	0	3	0	0	0
TOTAL	1081	319	1400	186	93	279

(INFORMATION RECEIVED FROM 24 UNIVERSITIES)  
SOURCE:- MEDICAL COUNCIL OF INDIA.







Chart No-10  
Number of Admissions to B.D.S Courses & Qualified  
During the years 1980-81 to 1989-90

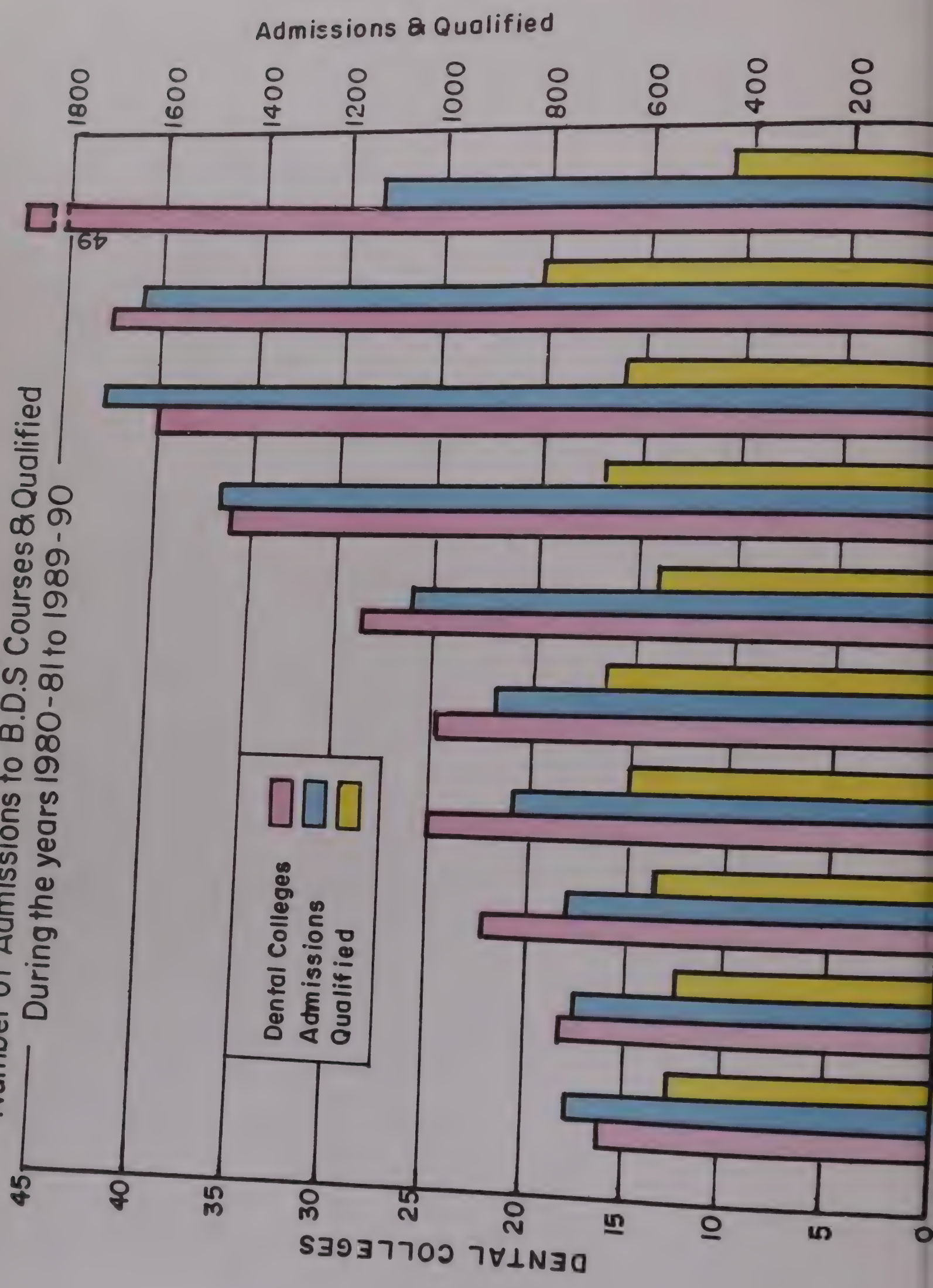




TABLE NO. 6.04 : NUMBER OF ADMISSIONS TO BDS AND MDS COURSES AND QUALIFIED  
DURING THE YEARS 1950-51 TO 1989-90

YEAR	BDS			MDS		
	NO. OF DENTAL COLLEGES	NO. OF ADMIS- SIONS	NO. OF QUALI- FIED	NO. OF DENTAL COLLEGES	NO. OF ADMIS- SIONS	NO. OF QUALI- FIED
1	2	3	4	5	6	7
1950-51 . . .	4	18	14	+	+	+
1960-61 . . .	11	333	140	+	+	+
1970-71 . . .	15	562	478	8	63	50
1980-81 . . .	16	705	501	10	134	74
1981-82 . . .	18	692	488	13	131	79
1982-83 . . .	22	722	541	15	152	107
1983-84 . . .	25	831	603	15	154	116
1984-85 . . .	25	881	662	16	172	121
1985-86 . . .	29	1059	567	17	206	133
1986-87 . . .	36	1461	677	20	228	153
1987-88 . . .	40	1715	660	21	210	128
1988-89 . . .	43	1664	821	22	235	160
1989-90 . . .	49	1157	447	23	199	79

NOTE : + NOT AVAILABLE

BDS - BACHELOR OF DENTAL SURGERY

MDS - MASTER OF DENTAL SURGERY

SOURCE : DENTAL COUNCIL OF INDIA

TABLE NO. 6.05: OUT TURN OF NURSES, MIDWIVES, AUXILIARY NURSE-MIDWIVES AND LADY HEALTH VISITORS DURING 1961 - 1989

CATEGORY	1961	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1	2	3	4	5	6	7	8	9	10	11	12	13
1.NURSES(DIPLOMA/ CERTIFICATE HOLDERS)	2851	6257	7256	8144	7351	7750	8533	8956	8208	8992	10092	9859
2.MIDWIVES	2277	5416	6541	7406	6781	7539	7920	7364	6687	7681	8682	8799
3.AUXILIARY NURSE- MIDWIVES(HEALTH WORKERS FEMALE)	2083	5104	4264	5572	6192	6006	8937	9694	11208	10981	15538	13230
4.HEALTH VISITORS	315	479	483	567	653	835	1286	1435	1505	1196	663	996

SOURCE : INDIAN NURSING COUNCIL

TABLE NO. 6.06 : NUMBER OF INSTITUTIONS PROVIDING DIPLOMA IN PHARMACY  
AS ON 31-12-1990

Sl. No.	Name of States	No of Institutions	Seats
1	2	3	4
1.	Andhra Pradesh	26	840
2.	Assam	1	60
3.	Bihar	1	60
4.	Goa	1	40
5.	Gujarat	6	450
6.	Haryana	5	290
7.	Karnataka	56	3240
8.	Kerala	10	555
9.	Maharashtra	40	2200
10.	Madhya Pradesh	2	120
11.	Orissa	11	560
12.	Punjab	16	900
13.	Rajasthan	6	320
14.	Tamil Nadu	24	1630
15.	Tripura	1	60
16.	Uttar Pradesh	14	620
17.	West Bengal	3	170
18.	Union Territories*	6	370
Grand Total		229	12485

Note : 1. \* Union territories cover Chandigarh, Delhi and Pondicherry only.

2. The following States/U.Ts have no pharmacy institutions--  
Manipur Meghalaya, Nagaland, Sikkim, Mizoram, Andaman & Nicobar Islands, Arunachal Pradesh, Dadra & Nagar Haveli, Lakshadweep & Himachal Pradesh.

Source: Pharmacy Council of India.



TABLE NO. 6.07 : NUMBER OF INSTITUTIONS AND ADMISSION CAPACITY/NO  
ADMITTED IN DIFFERENT PARA MEDICAL COURSES

SL. NO.	DESCRIPTION OF THE COURSES	NO. OF INSTITUTIONS	ADMISSION CAPACITY/NO. ADMITTED	REFERENCE PERIOD
1	2	3	4	5
1.	NURSES GENERAL/GENERAL NURSES			
	MIDWIVES/MALE NURSES	466	19250	31.12.89
2.	AUX.NURSE MIDWIVES/HEALTH WORKERS (F)	483	12363	-DO-
3.	MIDWIVES	393	*	-DO-
4.	HEALTH VISITORS & HEALTH SUPERVISOR	26	1012	-DO-
5.	DENTAL HYGIENIST	17	65	31.12.87
6.	DENTAL MECHANICS COURSES	18	50	-DO-
7.	B.Sc.(MED.LAB.TECHNICIANS)	3	56	-DO-
8.	LAB.TECH./LAB.ASSTT.	97	2178	-DO-
9.	SANITARY/HEALTH/MALARIA INSPECTORS	26	1695	-DO-
10.	PHARMACY (DIPLOMA)	231	12213	31.12.89
11.	RADIOGRAPHERS	33	410	31.12.87
12.	X-RAY TECHNICIANS	41	411	-DO-
13.	OPERATIONAL THERAPIST ASSTT.	6	59	-DO-
14.	PHYSIOTHERAPIST	8	174	-DO-
15.	OCCUPATIONAL THERAPIST	4	75	-DO-
16.	SPEECH THERAPIST	3	72	-DO-
17.	ORTHOPTIST	4	24	-DO-
18.	OPTICIAN & REFRACTIONIST	7	134	-DO-
19.	HEALTH WORKERS(MALE) UNDER M.P.W.	101	5274	-DO-
20.	LEPROSY TRAINING CENTRE			
	i PARA-MEDICL WORKERS(LEP)	40	2078	-DO-
	ii NON MEDICAL SUPERVISOR (LEP)	7	106	-DO-
	iii LAB TECH.(LEP)	7	120	-DO-
	iv PHYSIOTHERAPIST TECH.(LEP)	6	67	-DO-
21.	MISCELLANEOUS(INCL. OPTH. ASSTT.)	90	2668	-DO-

NOTE : 1. \* INCLUDED IN SL. NO. 1

2. PARAMEDICALS TRAINING IN INDIA 1990-91.

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## **7. HEALTH MANPOWER STATISTICS**

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TABLE NO. 7.01 : NUMBER OF DOCTORS POSSESSING RECOGNISED  
MEDICAL QUALIFICATIONS (UNDER I.M.C ACT)  
AND REGISTERED WITH STATE MEDICAL COUNCILS  
FROM THE YEAR 1986 TO 1990

AS ON 31ST DEC..

SL. NO.	NAME OF STATE MEDICAL COUNCIL	1986	1987	1988	1989	1990
1	2	3	4	5	6	7
1.	ANDHRA MEDICAL COUNCIL	16516	17108	17639	18236	18898
2.	ASSAM MEDICAL COUNCIL	8912	9149	9428	9746	10099
3.	GUJARAT MEDICAL COUNCIL	18417	19173	19806	20701	21576
4.	BIHAR MEDICAL COUNCIL	22902	23450	24137	24872	25689
5.	JAMMU & KASHMIR MEDICAL COUNCIL	3442	3622	3676	3937	4087
6.	KARNATAKA MEDICAL COUNCIL	25518	26722	39355	40872	42399
7.	BHOPAL MEDICAL COUNCIL	7867	8526	9147	9852	10542
8.	MAHARASHTRA MEDICAL COUNCIL	39397	41035	42730	44684	46858
9.	ORISSA MEDICAL COUNCIL	9478	9866	10081	10426	10746
10.	PUNJAB MEDICAL COUNCIL	24128	24615	25130	25598	26178
11.	RAJASTHAN MEDICAL COUNCIL	11059	11613	12243	12912	13475
12.	TAMIL NADU MEDICAL COUNCIL	38673	40023	41465	43074	44769
13.	UTTAR PRADESH MEDICAL COUNCIL	28514	29376	30348	31336	32369
14.	WEST BENGAL MEDICAL COUNCIL	37751	38738	39510	40210	40920
15.	TRAVANCORE MEDICAL COUNCIL (COCHIN)	14900	15568	16455	N.R.	N.R.
16.	HYDERABAD MEDICAL COUNCIL	11780	12153	12469	12805	13199
17.	HARYANA MEDICAL COUNCIL	256	319	437	523	N.R.
18.	MEDICAL COUNCIL OF INDIA DELHI	794	830	1639	2412	3196
TOTAL		320304	331886	355695	352196	365000

NOTE : N.R. - Information Not Received.

SOURCE : MEDICAL COUNCIL OF INDIA

TABLE NO. 7.02: NUMBER OF DENTISTS REGISTERED WITH DENTAL  
COUNCIL OF INDIA 1951-1990

YEAR						DENTISTS REGISTERED
1						2
1951	.	.	.	.	.	3290
1956	.	.	.	.	.	3003
1961	.	.	.	.	.	3582
1966	.	.	.	.	.	4374
1971	.	.	.	.	.	5512
1975	.	.	.	.	.	6559
1976	.	.	.	.	.	6759
1977	.	.	.	.	.	6614
1978	.	.	.	.	.	7411
1979	.	.	.	.	.	7518
1980	.	.	.	.	.	8487
1981	.	.	.	.	.	8648
1982	.	.	.	.	.	8656
1983	.	.	.	.	.	8801
1984	.	.	.	.	.	8725
1985	.	.	.	.	.	9598
1986	.	.	.	.	.	9725
1987	.	.	.	.	.	9750
1988	.	.	.	.	.	9796
1989	.	.	.	.	.	10475
1990	.	.	.	.	.	11011

SOURCE: DENTAL COUNCIL OF INDIA

TABLE NO. 7.03 : NUMBER OF RECOGNISED TRAINING CENTRES FOR DIFFERENT COURSES IN THE STATE NURSING COUNCILS AND BOARD OF EXAMINATIONS DURING THE YEAR 1989

		NUMBER OF RECOGNISED TRAINING CENTRES FOR DIFFERENT COURSES IN				
SL. NO.	NAME OF THE STATE NURSING COUNCIL AND BOARD OF EXAMINATION	GENERAL NURSING		MID WIFERY	A.N.M./ H.W.	HEALTH VISI TOR/ HEALTH SUPER- VISOR
		MEN	WOMEN			
1	2	3	4	5	6	7
1.	ANDHRA PRADESH	0	74	74	140	0
2.	ASSAM	4	20	20	20	1
3.	BIHAR	0	21	14	35	1
4.	GUJARAT	0	21	12	4	0
5.	HARYANA	1	6	4	9	1
6.	HIMACHAL PRADESH	0	4	4	8	1
7.	KERALA	0	50	50	18	0
8.	MAHAKOSHAL	0	17	17	37	0
9.	MAHARASHTRA	0	46	46	34	0
10.	MADRAS	0	28	25	18	3
11.	KARNATAKA	0	30	31	21	4
12.	ORISSA	0	5	5	19	1
13.	PUNJAB	3	26	21	13	1
14.	RAJASTHAN	12	9	8	27	3
15.	UTTAR PRADESH	0	24	13	48	4
16.	WEST BENGAL	0	25	25	28	6
17.	MID INDIA BOARD	4	8	8	4	0
18.	A.F.M.S EXAMINATION BOARD		8	16	0	0
TOTAL		24	422	393	483	26

SOURCE : INDIAN NURSING COUNCIL.



TABLE NO. 7.04 : NUMBER OF REGISTERED GENERAL NURSING MIDWIFERY,  
AUXILIARY NURSES, MIDWIVES AND HEALTH VISITORS  
AS ON 31.12.1989

SL. NO.	NAME OF THE STATE NURSING COUNCIL & EXAMINATION BOARDS	TOTAL NUMBER OF QUALIFIED PERSONNEL ENTERED IN THE STATE REGISTER UPTO 31ST DEC.89			
		GEN. NURSING MIDWIFERY		AUXILIARY NURSE-MID- WIVES/HEALTH WORKERS	HEALTH VISITOR & HEALTH SUPERVISORS
		MEN	WOMEN		
1	2	3	4	5	6
1.	ANDHRA PRADESH	495	14416	13894	1218
2.	ASSAM	158	2112	2054	46
3.	BIHAR	54	8829	7501	1510
4.	GUJARAT	596	17207	6796	1011
5.	HARYANA	124	3259	3882	162
6.	HIMACHAL PRADESH	212	1312	2055	274
7.	KARNATAKA	0	23401*	20707	3787
8.	KERALA	315	19729	4078	315
9.	MAHAKOSHAL	1593	32514	14783	574
10.	MAHARASHTRA	1609	34810	10588	551
11.	MADRAS	2106	30234	6660	1345
12.	ORISSA	4381	11449	882	110
13.	PUNJAB	1278	21458	9700	1936
14.	RAJASTHAN	0	8650*	10272	322
15.	UTTAR PRADESH	587	10857	10831	2734
16.	WEST BENGAL	563	10196	16508	740
TOTAL		14071	250433	141191	16635
GRAND TOTAL			264504	141191	16635

NOTE : \* = SEX-WISE BREAK-UP NOT AVAILABLE.  
SOURCE : INDIAN NURSING COUNCIL.

TABLE NO. 7.05 : VILLAGE HEALTH GUIDES TRAINING PROGRAMME AND THE NUMBER OF  
PHC'S COVERED FOR THE TRAINING

SL. NO.	STATE/UT	PHC's (FUNCTIONING AS ON 1-4-80) TO BE COVERED UNDER HG. SCHEME	PHCs COVERED	TOTAL NO. OF VHGs TRAINED			NO. OF VGHS ACTUALLY WORKING			PERIOD UP TO WHICH INFOR- MATION RELATES TO
				MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
1	2	3	4	5	6	7	8	9	10	11
1.	ANDHRA PRADESH	420	420	33122	2502	35624	28698	5636	34334	31-03-87
2.	ARUNACHAL PRADESH \$	-	-	-	-	-	-	-	-	-
3.	ASSAM	146	146	8171	11936	20107	0	11306	11306	31-03-90
4.	BIHAR	587	100	NR	NR	11180*	NR	NR	10431*	31-03-85
5.	GOA, DAMAN & DIU	15	15	426	458	884	0	0	0	31-03-91
6.	GUJARAT	251	251	21267	6993	28260	0	6993	6993	31-03-90
7.	HARYANA	89	89	9981	299	10280	0	270	270	30-06-90
8.	HIMACHAL PRADESH	77	77	4976	615	5591	3305	362	3667	31-12-90
9.	JAMMU & KASHMIR \$	-	-	-	-	-	-	-	-	-
10.	KARNATAKA	269	191	12681	2447	15128	12681	2447	15128	31-12-90
11.	KERALA \$	-	-	-	-	-	-	-	-	-
12.	MADHYA PRADESH	465	448	36000	1000	37000	32546	1147	33693	30-09-89
13.	MAHARASHTRA	428	428	17182	29672	46854	15029	27483	42512	31-12-90
14.	MANIPUR	25	25	1118	600	1718	1107	590	1697	30-06-88
15.	MEGHALAYA	22	22	899	1401	2300	137	1159	1296	31-03-87
16.	MIZORAM	12	12	585	232	817	400	175	575	31-03-91
17.	NAGALAND	14	14	349	199	548	349	199	548	31-12-90
18.	ORISSA	314	314	18627	4670	23297	16530	4487	21017	30-09-90
19.	PUNJAB	129	129	1196	10461	11657	1196	10461	11657	31-03-90
20.	RAJASTHAN	232	232	20941	9018	29959	6289	2693	8982	30-09-89
21.	SIKKIM	15	11	257	88	345	180	60	240	30-09-90
22.	TAMIL NADU \$	-	-	-	-	-	-	-	-	-
23.	TRIPURA	27	27	1118	813	1931	1050	787	1837	30-09-90
24.	UTTAR PRADESH	907	907	89071	1040	90111	NR	NR	90111*	31-03-90
25.	WEST BENGAL	335	335	31754	9478	41232	30905	9328	40233	31-12-89
26.	A & N ISLANDS	2	2	209	137	346	98	108	206	31-03-91
27.	CHANDIGARH	0	1	20	24	44	20	22	42	31-12-90
28.	DADRA & NAGAR HAVELI	2	2	68	4	72	18	1	19	30-06-90
29.	DELHI	8	3	89	38	127	0	0	0	30-09-87
30.	LAKSHADWEEP	7	7	11	31	42	2	18	20	31-12-90
31.	PONDICHERRY	12	12	150	120	270	120	80	200	31-12-90
TOTAL		4810	4220	310268	94276	415724	150660	85812	337014	

NOTE : 1. NR = INFORMATION NOT RECEIVED

2. \$ = ALTERNATIVE HEALTH GUIDE SCHEME IS FUNCTIONING IN THESE STATES/UTS

3. \* = SEPARATE MALE & FEMALE REAK-UP IS NOT AVAILABLE.

(FIGURES ARE PROVISIONAL)

SOURCE : RURAL HEALTH STATISTICS - MARCH, 1991

TABLE NO.7.06 : NUMBER OF ANM/HW(F) AND LHV/HA(F) TRAINING SCHOOLS AND THEIR ANNUAL ADMISSION CAPACITY (AAC)

SL. NO.	STATE/UT	ANM/HW (F) SCHOOLS			TOTAL ANNUAL ADMISSION CAPACITY	LHV/HA(F) PROMO-TIONAL SCHOOLS	TOTAL ANNUAL ADMISSION CAPACITY	PERIOD UPTO WHICH INFORMATION RELATES
		GOVT.	VOLUN-TARY	TOTAL				
1	2	3	4	5	6	7	8	9
1.	ANDHRA PRADESH	10	78	88	3395	3	110	31-3-87
2.	ARUNACHAL PRADESH	1	0	1	24	0	0	31-12-90
3.	ASSAM	19	5	24	1105	1	40	31-3-90
4.	BIHAR	31	2	33	2450	2	380	31-3-85
5.	GOA, DAMAN & DIU	1	0	1	20a	0	0	31-3-91
6.	GUJARAT	19	3	22	990	2	100	30-09-90
7.	HARYANA	9	0	9	430	1	120	30-09-90
8.	HIMACHAL PRADESH	7	1	8	450	1	30	31-12-90
9.	JAMMU & KASHMIR	14	2	16	360	NR	NR	31-3-85
10.	KARNATAKA	19	4	23	1015	4	240	30-09-90
11.	KERALA	13	18	31	1066	3	120	31-12-90
12.	MADHYA PRADESH	36aa	1	37	780uc	2	300	30-9-89
13.	MAHARASHTRA	22	0	22	1289	5	225	31-12-90
14.	MANIPUR	3	0	3	90	1	30	31-12-88
15.	MEGHALAYA	2	0	2	60	0	0	31-3-87
16.	MIZORAM	1	0	1	40	0	0	31-03-91
17.	NAGALAND	3	0	3	80	0	0	30-9-90
18.	ORISSA	19	0	19	760	1	60	30-09-90
19.	PUNJAB	6	0	6	420	1	30	31-12-89
20.	RAJASTHAN	27	0	27	1620	3	180	31-12-89
21.	SIKKIM	1	0	1	40	1	5	30-09-90
22.	TAMIL NADU	9	5*	14	667	3	200	30-06-90
23.	TRIPURA	3	0	3	200	1	10	30-09-90
24.	UTTAR PRADESH	46	3	49	2475	4	456	31-03-90
25.	WEST BENGAL*	24	2	26	1709	6	540	31-12-89
26.	ANDAMAN & NICOBAR ISLANDS	1	0	1	25	0	0	31-3-91
27.	CHANDIGARH	0	0	0	0	0	0	31-12-90
28.	DADRA & NAGAR HAVELI	0	0	0	0	0	0	30-06-90
29.	DELHI	2	0	2	80	1	30	31-3-86
30.	LAKSHADWEEP	0	0	0	0	0	0	31-12-90
31.	PONDICHERRY	0	0	0	0	0	0	31-12-90
TOTAL		348	124	472	21640	46	3206	

- NOTE : 1. NR = INFORMATION NOT RECEIVED  
 2. a = INCLUDES 4 MALES CANDIDATES  
 3. \* = 4 NON STIPENDARY INSTITUTION AS PER Q.P.R. FOR QUARTER ENDING JUNE, 88  
 NO. OF 10 VOL. SCHOOLS HAVE BEEN REDUCED BY MAHARASHTRA, QPR JUNE  
 4. aa = AT PRESENT ONLY 15 MPW (F) TRAINING CENTRES ARE FUNCTIONING, QTHR  
 21 TRAINING SCHOOLS ARE GIVING REFRESHER COURSE TO TRAINED ANM/MPW (F)  
 5. uc = UNDER CLARIFICATION.

SOURCE : RURAL HEALTH STATISTICS - MARCH 1991.

(FIGURES ARE PROVISIONAL)



TABLE NO. 7.07 : NUMBER OF DAIS TRAINED DURING 1974 TO 31-3-1991

SL. NO.	STATE/UT	ESTIMATED NO.OF UNTRAINED DAIS	DAIS TRAINED AS ON 1-4-90 SINCE 1974	TARGET 1990-91	DAIS TRAINED DURING 1990-91 (APR.90- MAR.91)	TOTAL DAIS TRAINED AS ON 31-03-91	PERIOD UP TO WHICH INFORMAT RELATES TO
1	2	3	4	5	6	7	8
1.	ANDHRA PRADESH	3045	44835	1000	NR	44835**	31-03-87
2.	ARUNACHAL PRADESH @	0	440	0	0	440	31-12-90
3.	ASSAM	500	13979	250	NR	13979	31-12-89
4.	BIHAR	NR	56029	500	NR	56029	31-03-85
5.	GOA	0	178	0	0	178	31-03-91
6.	GUJARAT	2650	29252	750	79	29331	30-09-90
7.	HARYANA	500	11828	250	0	11828	30-06-90
8.	HIMACHAL PRADESH	NR	9418	50	0	9418	31-12-90
9.	JAMMU & KASHMIR	NR	4244	500	NR	4244	31-03-85
10.	KARNATAKA	6634	37756	1750	3277	41033	31-12-90
11.	KERALA \$	0	2906	0	0	2906	30-09-90
12.	MADHYA PRADESH	NR	43395	1000	NR	43395	30-09-89
13.	MAHARASHTRA	5000	39433	500	0	39433	31-12-90
14.	MANIPUR	NR	1259	25	17	1276	31-12-90
15.	MEGHALAYA	0	1137	0	0	1137	31-03-87
16.	MIZORAM	54	899	5	0	899	31-03-91
17.	NAGALAND	0	0	0	0	0	31-12-90
18.	ORISSA	40000	35295	750	0	35295	30-09-90
19.	PUNJAB	600	22267	100	NR	22267	31-03-90
20.	RAJASTHAN	7856	19929	300	NR	19929	31-03-90
21.	SIKKIM	NR	254	0	0	254	30-09-90
22.	TAMIL NADU	8545	37226	250	0	37226	30-06-90
23.	TRIPURA	NA	1446	50	0	1446	30-09-90
24.	UTTAR PRADESH	0	143559	900	NR	143559	31-03-90
25.	WEST BENGAL	10500	34200	1000	NR	34200	31-12-89
26.	A & N ISLANDS	150	129	25	15	144	31-03-91
27.	CHANDIGARH	99	411	20	38	449	31-12-90
28.	D & N. HAVELI	50	238	0	0	238	30-06-90
29.	DAMAN & DIU	*	*	*	*	*	
30.	DELHI	NR	180	20	NR	180	30-09-87
31.	LAKSHADWEEP	0	21	0	0	21	31-12-90
32.	PONDICHERRY	25	397	5	0	397	31-12-90
TOTAL		86208	592540	10000	3426	595966	

NOTE : 1.NR = INFORMATION NOT RECEIVED

2.\$ = DAIS TRAINING PROGRAMME HAS SINCE BEEN STOPPED FROM 1980 ONWARDS IN KERALA STATE

3.@ = NO SYSTEM OF TRADITIONAL DAIS IS PRACTISED IN ARUNACHAL PRADESH

4.\*\* = FIGURES TAKEN FROM STATUS REPORT ON PRIMARY HEALTH CARE RECEIVED IN MEETING HELD IN JAN.

5.\* = INFORMATION INCLUDED IN GOA

6.THE NO. OF TRAINED DAIS PRIOR TO 1974 WAS 43,500 WHICH IS NOT

INCLUDED IN THE ABOVE STATEMENT. REVISED FIGURES RECEIVED FROM MAHARASHTRA, KARNATAKA &amp; GUJARAT (FIGURES ARE PROVISIONAL)

SOURCE: RURAL HEALTH STATISTICS- MARCH 1991.

02338  
ES101COMMUNITY HEALTH CELL  
326, V Main, I Block  
Koramang  
Bangalore-560034



TABLE NO. 7.08 : NUMBER OF DOCTORS AND AVERAGE POPULATION SERVED IN DIFFERENT STATES/U.TS. - 1990

SL. NO.	STATES/UTS	DOCTORS ENGAGED UNDER GOVT. AGENCY	TOTAL	POPULATION SERVED PER DOCTOR	PERIOD TO WHICH DATA RELATES
1	2	3	4	5	6
1.	ANDHRA PRADESH	+	33283 *	1:1924	31-12-90
2.	ARUNACHAL PRADESH	233	233	1:3536	31-12-90
3.	ASSAM	2660	2660	1:8750	31-12-87
4.	BIHAR	+	24486	1:3411	30-06-89
5.	GOA	517	517	1:2523	31-12-90
6.	GUJARAT	2835	2835	1:13976	31-12-88
7.	HARYANA	1294	1294	1:11705	31-01-87
8.	HIMACHAL PRADESH	937	937	1:5350	31-12-89
9.	JAMMU & KASHMIR	+	3778 *	1:1884	31-12-88
10.	KARNATAKA	+	31028 *	1:1457	31-12-90
11.	KERALA	4163	4163	1:7213	31-12-90
12.	MADHYA PRADESH	+	9060	1:6803	31-12-88
13.	MAHARASHTRA	+	62770 *	1:1179	31-12-89
14.	MANIPUR	668	668	1:2629	31-12-89
15.	MEGHALAYA	322	322	1:5357	31-12-90
16.	MIZORAM	138	138	1:5123	31-12-90
17.	NAGALAND	202	202	1:5401	31-12-89
18.	ORISSA	4489	4489	1:6985	31-12-90
19.	PUNJAB	3462	3462	1:5642	31-12-89
20.	RAJASTHAN	+	13477 *	1:3295	31-12-90
21.	SIKKIM	101	101	1:4297	31-12-89
22.	TAMIL NADU	+	48291 *	1:1165	31-12-90
23.	TRIPURA	673	673	1:3822	31-12-90
24.	UTTAR PRADESH	8630	8630	1:15438	31-12-89
25.	WEST BENGAL	+	30092	1:2148	31-12-89
26.	A & N ISLANDS	126	126	1:2325	31-12-90
27.	CHANDIGARH	882	882	1:813	31-12-89
28.	D & N HAVELI	12	12	1:11000	31-12-90
29.	DAMAN & DIU	20	20	(Included in Goa)	31-12-90
30.	DELHI (DELHI ADMN. HOSP. & DISPEN.)	1549	1549	1:5937	31-12-90
31.	LAKSHADWEEP	27	27	1:1741	31-12-90
32.	PONDICHERRY	722	722	1:994	31-12-88

NOTE : 1.\* = REGD. NUMBER OF DOCTORS, 2.+ = NOT AVAILABLE, 3. RATIO HAS BEEN WORKED OUT WITH THE ANNUAL ESTIMATES OF POPULATION OF THE YEAE TO WHICH THE DATA RELATES.  
4.GOV'T. AGENCY INCLUDES CENTRAL/STATE GOV'T. HOSPITAL, PUBLIC SECTOR UNDERTAKING HOSPITAL ETC.

COUNTRY OF TRAINING

SUBJECT	COUNTRY OF TRAINING												TOTAL			
	U S A		CANADA		U K		W.GERMANY		OEC		ANZ			OTHER		
	T	R	T	R	T	R	T	R	T	R	T	R				
GEN. MEDICINE	244	135	31	16	672	411	20	8	133	86	5	0	82	35	1187	691
SURGERY	152	83	34	15	1237	653	8	2	29	17	14	3	107	50	1601	823
MEDICINE & SURGERY	4	1	1	1	23	4	0	0	10	7	1	0	20	7	59	20
PEDIATRICS	10	4	1	1	22	0	0	0	1	1	0	0	4	1	45	7
DENTISTRY	28	17	3	1	20	6	6	1	3	1	1	0	6	4	65	30
VETERINARY SCIENCE	179	70	19	6	40	21	13	6	25	4	6	2	18	10	300	119
ANESTHESIOLOGY	22	11	6	2	176	67	5	2	5	1	6	0	44	21	264	104
PAEDIATRICS	144	85	19	6	187	77	3	2	9	4	4	1	48	16	414	191
OPHTHALMOLOGY	16	10	12	6	212	95	3	1	12	4	4	1	38	21	297	138
OBST. & GYNAECOLOGY	53	21	14	4	554	242	8	4	13	5	1	0	73	38	716	314
PHYSIOLOGY	20	10	5	2	8	2	2	2	1	0	0	0	6	2	42	18
PSYCHIATRY	17	6	6	3	56	12	0	0	0	0	0	0	6	3	85	24
RADIOLOGY	19	11	1	0	48	0	0	0	1	1	0	0	5	2	75	34
TB-CHEST	6	1	1	0	34	15	1	0	0	0	0	0	9	4	51	20
ENTOMOLOGY	35	19	3	2	28	7	3	1	1	0	2	0	17	9	89	43
CARDIOLOGY	11	6	1	0	24	9	0	0	3	3	1	0	4	3	44	21
OTHERS	96	39	17	8	236	93	9	4	21	8	1	0	99	51	479	203
TOTAL	1056	529	174	73	7606	1739	77	33	267	142	46	7	587	277	5813	2800

T/S: TOTAL, RE-REPORTED RETURN, W.GERM WEST, OTHER EUROPEAN COUNTRIES, ANZ: AUSTRALIA AND NEW ZEALAND.  
COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

TABLE NO.7.10 : MEDICAL EXPERTS SERVING ON FOREIGN  
ASSIGNMENTS IN VARIOUS DEVELOPING  
COUNTRIES DURING 1990

SL. NO.	NAME OF THE COUNTRY	BILATERAL ASSIGNMENT	ITEC ASSIGNMENT	TOTAL
1.	BAHRAIN	1	-	1
2.	ETHIOPIA	-	1	1
3.	MAURITIUS	-	2	2
4.	MUSCAT	1	-	1
5.	OMAN	2	-	2
6.	SAUDI ARABIA	16	-	16
		20	3	23

NOTE:- ITEC - INDIAN TECHNICAL ECONOMIC COOPERATION

TABLE NO. 7.11 : HEALTH MANPOWER WORKING IN RURAL AREAS AS ON 31.03.91  
MEDICAL SPECIALISTS WORKING AT UPGRADED PHCS/CHCS

SL. NO.	STATE/U.T	SURGEONS			OBST & GYNAES			PHYSICIANS		
		S	P	V	S	P	V	S	P	V
1	2	3	4	5	6	7	8	9	10	11
1.	ANDHRA PRADESH	0	0	0	0	0	0	0	0	0
2.	ARUNACHAL PRADESH	7	7	0	7	7	0	4	4	0
3.	ASSAM	8	4	4	8	6	2	8*	2*	6
4.	BIHAR	NR	NR	NR	NR	NR	NR	NR	NR	NR
5.	GOA, DAMAN & DIU	4	2	2	4	3	1	1	0	1
6.	GUJARAT	159	88	71	63	39	24	24	18	6
7.	HARYANA	114	84	30	21	8	13	21	4	17
8.	HIMACHAL PRADESH	15	15	0	6	6	0	15	15	0
9.	JAMMU & KASHMIR	4	1	3	4	1	3	4	1	3
10.	KARNATAKA	62	61	1	24	23	1	59	57	2
11.	KERALA	NR	NR	NR	NR	NR	NR	NR	NR	NR
12.	MADHYA PRADESH	86	49	37	97	56	41	86	52	34
13.	MAHARASHTRA	NR	NR	NR	NR	NR	NR	NR	NR	NR
14.	MANIPUR	9	4	5	9	0	9	9	1	8
15.	MEGHALAYA	0	0	0	0	0	0	2	0	2
16.	MIZORAM	1	0	1	1	0	1	0	0	0
17.	NAGALAND	3	0	3	3	0	3	3	0	3
18.	ORISSA	140	140	0	66	66	0	0	0	0
19.	PUNJAB	46	43	3	46	43	3	46uc	43uc	3
20.	RAJASTHAN	NR	NR	NR	NR	NR	NR	NR	NR	NR
21.	SIKKIM	1	1	0	1	0	1	1	1	0
22.	TAMIL NADU	30	30	0	30	30	0	147	147	0
23.	TRIPURA	0	0	0	0	0	0	0	0	0
24.	UTTAR PRADESH	142	96	46	144	26	118	6	4	2
25.	WEST BENGAL	70	42	28	80	41	39	80	39	41
26.	A & N ISLANDS	0	0	0	0	0	0	0	0	0
27.	CHANDIGARH	1	1	0	1	1	0	4	4	0
28.	DADRA & NAGAR HAVELI	1	0	1	1	0	1	1	1	0
29.	DELHI	0	0	0	0	0	0	0	0	0
30.	LAKSHADWEEP	0	0	0	0	0	0	0	0	0
31.	PONDICHERRY	0	0	0	0	0	0	3	3	0
TOTAL		903	668	235	616	356	260	524	396	130

Contd. on next page



Table No.7.11 contd.

SL. NO.	STATE/U.T.	TOTAL						PERIOD UPTO WHICH INFORMATION RELATES TO
		PAEDIATRICIANS			SPECIALISTS			
		S	P	V	S	P	V	
1	2	12	13	14	15	16	17	18
1.	ANDHRA PRADESH	0	0	0	0	0	0	31.03.87
2.	ARUNACHAL PRADESH	5	5	0	23	23	0	31.12.90
3.	ASSAM	NR	NR	NR	24	12	12	31.12.88
4.	BIHAR	NR	NR	NR	NR	NR	NR	31.03.85
5.	GOA, DAMAN & DIU	1	1	0	10	6	4	31.03.91
6.	GUJARAT	63	20	43	309	165	144	30.09.90
7.	HARYANA	21	2	19	177	98	79	31.12.90
8.	HIMACHAL PRADESH	6	6	0	42	42	0	30.09.90
9.	JAMMU & KASHMIR	4	1	3	16	4	12	31.03.89
10.	KARNATAKA	20	17	3	165	158	7	30.06.89
11.	KERALA	NR	NR	NR	146	146	0	30.09.90
12.	MADHYA PRADESH	97	42	55	366	190	167	30.09.89
13.	MAHARASHTRA	NR	NR	NR	161	160	1	30.09.90
14.	MANIPUR	NR	2	0	27	7	20	31.03.89
15.	MEGHALAYA	0	0	0	2	0	2	31.12.90
16.	MIZORAM	1	1	0	3	1	2	31.03.91
17.	NAGALAND	3	0	3	12	0	12	31.12.90
18.	ORISSA	66	42	24	272	248	24	30.09.90
19.	PUNJAB	NR	NR	NR	138	129	9	31.03.90
20.	RAJASTHAN	NR	NR	NR	425	415	10	31.12.89
21.	SIKKIM	1	0	1	4	2	2	30.09.90
22.	TAMIL NADU	0	0	0	207	207	0	31.12.90
23.	TRIPURA	0	0	0	0	0	0	30.09.90
24.	UTTAR PRADESH	142	123	19	434	249	185	31.03.90
25.	WEST BENGAL	80	11	69	320	133	187	31.12.89
26.	A & N ISLANDS	0	0	0	0	0	0	31.03.91
27.	CHANDIGARH	1	1	0	7	7	0	31.12.90
28.	DADRA & NAGAR HAVELI	1	1	0	4	2	2	30.06.90
29.	DELHI	1	0	1	1	0	1	30.09.87
30.	LAKSHADWEEP	0	0	0	0	0	0	31.12.90
31.	PONDICHERY	0	0	0	3	3	0	31.12.90
TOTAL		513	275	240	3298	2416	882	

NOTE :

NR = INFORMATION NOT RECEIVED

S = NUMBER SANCTIONED, P = NUMBER IN POSITION, V = VACANT POSTS

\* = INCLUDING PAEDIATRICIANS AS SEPARATE FIGURES ARE NOT AVAILABLE

UC = UNDER CLARIFICATION  
(FIGURES ARE PROVISIONAL)

SOURCE: RURAL HEALTH STATISTICS--MARCH 1991.

TABLE NO. 7.12 : HEALTH MAN POWER EMPLOYED IN RURAL AREAS AS ON 31-3-91  
MEDICAL DOCTORS AT PHCs

SL. NO.	STATE/UT	DOCTORS AT PHCs.			PERIOD UPTO WHICH INFORMATION RELATES TO
		S	P	V	
1	2	3	4	5	6
1.	ANDHRA PRADESH	1916	1555	361	31-03-87
2.	ARUNACHAL PRADESH	24	24	0	31-12-90
3.	ASSAM	584	584	0	30-09-89
4.	BIHAR	2121	2121	0	31-03-85
5.	GOA, DAMAN & DIU	53	44	9	31-03-91
6.	GUJARAT	774	616	158	30-06-89
7.	HARYANA	645	463	182	30-09-90
8.	HIMACHAL PRADESH	264	249	15	31-12-90
9.	JAMMU & KASHMIR	158	158	0	31-03-85
10.	KARNATAKA	945	816	129	30-06-89
11.	KERALA	1189	1189	0	31-12-90
12.	MADHYA PRADESH	1647	1347	300	30-09-89
13.	MAHARASHTRA	3254*	2853*	401	31-12-90
14.	MANIPUR	119	102	17	31-12-90
15.	MEGHALAYA	82	71	11	31-12-90
16.	MIZORAM	20	26	6	31-03-91
17.	NAGALAND	29	29	0	31-12-90
18.	ORISSA	488	418	70	30-09-90
19.	PUNJAB	1706	1615	91	31-03-90
20.	RAJASTHAN	961	953	8	31-12-89
21.	SIKKIM	34	20	14	30-09-90
22.	TAMIL NADU	2523	2523	0	31-12-90
23.	TRIPURA	115	109	6	30-09-90
24.	UTTAR PRADESH	3787	2263	1524	31-03-90
25.	WEST BENGAL	1413	1203	210	31-12-89
26.	ANDAMAN & N. ISLANDS	19	19	0	31-03-91
27.	CHANDIGARH	7	7	0	31-12-90
28.	DELHI	9	7	2	30-06-90
29.	D & N HAVELI	6	6	0	30-09-87
30.	LAKSHADWEEP	9	9	0	31-12-90
31.	PONDICHERRY	29	29	0	31-12-90
TOTAL		24930	21428	3502	

NOTE :

- S = NUMBER SANCTIONED, P = NUMBER IN POSITION, V = VACANT POSTS  
 @ = REVISED FIGURE RECEIVED FROM KARNATAKA.  
 \* = Figures includes M.O.s at allopathic disp. and ISM disp. (Figures are provisional)

SOURCE:- RURAL HEALTH STATISTICS-MARCH 1991

TABLE NO. 7.13 : HEALTH MANPOWER WORKING IN RURAL AREAS - PARAMEDICAL AS ON 31-03-91

SL. NO.	STATES/U.Ts.	BLOCK EXTENTION EDUCATORS			HEALTH ASSISTANTS (MALE)			HEALTH ASSISTANTS (FEMALE)/LHVs			PERIOD WHICH INFORMAS RELATES
		S	P	V	S	P	V	S	P	V	
1	2	3	4	5	6	7	8	9	10	11	12
1.	ANDHRA PRADESH	416	416	0	1610	1610	0	1872	1737	140	31.03.87
2.	ARUNACHAL PRADESH	0	0	0	5	5	0	14	14	0	31.12.90
3.	ASSAM	153	153	0	793	793	0	557	310	247	30.09.89
4.	BIHAR	888	888	0	NR	NR	NR	1583	1248	335	31.03.85
5.	GOA, DAMAN & DIU	13	11	2	33	26	7	25	25	0	31.03.91
6.	GUJARAT	715	666	49	1780	1543	237	1044	903	141	30.09.90
7.	HARYANA	90	72	18	505	484	21	629	404	225	31.12.90
8.	HIMCHAL PRADESH	81	81	0	376	366	10	364	306	58	31.12.90
9.	JAMMU & KASHMIR	82	78	4	316	316	0	NR	67	NR	31.03.85
10.	KARNATAKA	531	340	191	845	678	167	1467	1286	181	30.06.89
11.	KERALA	178	138	40	1171	1039	132	1094	1772	678 +	31.12.90
12.	MADHYA PRADESH	465	440	25	1613	1613	0	1886	1367	519	30.09.89
13.	MAHARASHTRA	@	@	@	3986	3238	748	1272	1182	90	31.12.90
14.	MANIPUR	NR	NR	NR	68	68	0	78	66	12	31.12.90
15.	MEGHALAYA	23	23	0	39	17	22	33	6	27	31.12.90
16.	MIZORAM	14	14	0	119	60	54	114	114	0	31.12.90
17.	NAGALAND	15	15	0	28	28	0	31	31	0	31.03.91
18.	ORISSA	329	329	0	170	170	0	904	760	144	31.12.90
19.	PUNJAB	135	99	36	648	441	207	771	744	27	30.09.90
20.	RAJASTHAN	232	232	0	928	928	0	820	658	162	31.03.90
21.	SIKKIM	12	12	0	0	0	0	12	12	0	31.12.89
22.	TAMIL NADU	382	334	48	4418	4120	298	2245	1947	292	30.09.90
23.	TRIPURA	19	18	1	154	89	65	10	31	21 +	30.06.90
24.	UTTAR PRADESH	1026	1026	0	3567	3567	0	3068	3068	0	30.09.90
25.	WEST BENGAL	341	317	24	1689	1689	0	1689	947	742	31.03.90
26.	A & N ISLANDS	6	6	0	0	0	0	16	16	0	31.12.89
27.	CHANDIGARH	1	1	0	4	4	0	2	2	0	31.03.91
28.	D & N HAVELI	3	2	1	0	0	0	5	5	0	31.12.90
29.	DAMAN & DIU	*	*	*	*	*	*	*	*	*	30.06.90
30.	DELHI	3	3	0	48	41	7	52	48	4	30.09.87
31.	LAKSHADWEEP	0	0	0	0	0	0	1	1	0	31.12.90
32.	PONDICHERRY	3	3	0	29	29	0	20	20	0	31.12.90
TOTAL		6156	5717	439	24942	22967	1975	21666	19108	3303	

NOTE: NR - NOT RECEIVED.

\* = SEPARATE FIGURES NOT AVAILABLE INCLUDED IN GOA.

@ = POST OF BEES DO NOT EXIST IN MAHARASHTRA, REVISED FIGURES RECEIVED FROM ORISSA.

&amp; = TOTAL INCLUDES 67 POSTS IN POSITION IN J &amp; K FOR WHICH CORRESPONDING SANCTIONED POSTS ARE NOT KNOWN.

+ = EXCEEDING THE NO. SANCTIONED.

BEE FIGURES ARE OF 31.12.87 FOR MEGHALAYA AND A &amp; N ISLANDS 30.9.90

\$ = NO. SANCTIONED AT PHCs, (FOR THE POST OF LHV) IS NOT GIVEN DEC.90 REPORT.

SOURCE:- RURAL HEALTH STATISTICS - MARCH 1991

(FIGURES ARE PROVISIONAL)



TABLE NO. 7.13 : (CONTD.)

STATES/U.Ts.	HEALTH WORKERS (MALE )			HEALTH WORKERS (FEMALE/ANM)			PHARMACISTS			PERIOD UPTO WHICH INFORMATION RELATES TO
	S	P	V	S	P	V	S	P	V	
	13	14	15	16	17	18	19	20	21	
2	13	14	15	16	17	18	19	20	21	22
ANDHRA PRADESH	8050	7095	955	7027	6277	750	957	506	451	31.03.87
ARUNACHAL PRADESH	179	179	0	179	179	0	30	30	0	31.12.90
ASSAM	3313	3313	0	4706	3592	1114	801	801	0	30.03.89
BIHAR	1761	1761	0	10041	7541	2500	1249	1249	0	31.03.85
GOA, DAMAN & DIU	168	131	37	192	181	11	10	10	0	31.03.91
GUJARAT	5280	4461	819	6351	5323	1028	1048	731	317	30.09.90
HARYANA	2619	2121	498	2628	2505	123	465	404	61	31.12.90
HIMCHAL PRADESH	1225	1225	0	1705	1593	112	464	437	27	31.09.90
JAMMU & KASHMIR	381	377	4	696	381	315	72	72	0	31.03.85
KARNATAKA	5498	4762	736	9221	8443	778	1758 <sup>uc</sup>	1437 <sup>uc</sup>	321	30.06.89
KERALA	5094	3896	1198	5094	5094	0	847	847	0	31.12.90
MADHYA PRADESH	9736	9328	408	11916	11148	768	465	435	30	30.09.89
MAHARASHTRA	8085	7589	496	11496	11142	354	2515	2181	334	31.12.90
MANIPUR	326	326	0	488	442	46	78	75	3	31.12.90
MEGHALAYA	0	0	0	459	456	3	67	29	38	31.12.90
MIZORAM	371	284	87	377	367	10	65	65**	3	31.03.91
NAGALAND	238	238	0	238	162	76	31	31	0	31.12.90
ORISSA	798	708	90	5740	5731	9	310	248	62	30.09.90
PUNJAB	2803	2386	417	3630	3592	38	1854	1610	244	31.03.90
RAJASTHAN	3761	3420	341	7841	6860	981	2375	2355	20	31.12.89
SIKKIM	@	@	0	144	144	0	0	0	0	30.09.90
TAMIL NADU	4561	3852	619	8681	8505	176	1417	1417	0	30.06.90
TRIPURA	502	447	55	405	400	5	166	172	6+	30.09.90
UTTAR PRADESH	11547**	11363**	184	23645	23645	0	2228	2228	0	31.03.90
WEST BENGAL	10134	9120	1014	10134	8126	2008	1252	1163	89	31.12.89
A & N ISLANDS	0	0	0	101	101	0	22	22	0	31.03.91
CHANDIGARH	0	0	0	14	14	0	2	2	0	31.12.90
D & N HAVELI	21	10	11	39	27	12	5	4	1	30.06.90
DAMAN & DIU	*	*	*	*	*	*	*	*	*	
DELHI	200	192	8	102	89	13	12	11	1	31.09.87
LAKSHADWEEP	0	0	0	9	9	0	9	9	0	31.12.90
PONDICHERRY	0	0	0	95	95	0	10	10	0	31.12.90
TOTAL	86651	78584	8067	133394	122264	11130	20584	18591	1993	

(CONTD. ON NEXT PAGE )

NOTE: @ = MPW SCHEME IS NOT IMPLIMENTED IN SIKKIM.

\*\* = FIGURES RELATES TO THE PERIOD ENDING 31.3.85.

\* = SEPARATE INFORMATION NOT AVAILABLE INCLUDE IN GOA

ORISSA REDUCED THE FIGURES OF HA(M) &amp; PHARMACISTS

+ = EXCEEDING THE NO. SANCTIONED.

uc = UNDER CLARIFICATION

\*\* = PHARMACISTS IN MIZORAM INCLUDED 48 POSTS OF RURAL HOSPITAL

SOURCE:- RURAL HEALTH STATISTICS - MARCH 1991

(FIGURES ARE PROVISIONAL)



TABLE NO. 7.13 : (CONTD.)

SL. NO.	STATES/U.Ts.	LAB. TECHNICIANS			NURSE-MIDWIVES			PERIOD UPTO WHICH INFORMATION RELATES TO
		S	P	V	S	P	V	
1	2	23	24	25	26	27	28	29
1.	ANDHRA PRADESH	851	480	371	610	480	130	31.03.87
2.	ARUNACHAL PRADESH	9	9	0	9	9	0	31.12.90
3.	ASSAM	286	286	0	358	38	3+	30.03.89
4.	BIHAR	636	636	0	NR	NR	NR	31.03.85
5.	GOA, DAMAN & DIU	22	22	0	15	14	1	31.03.91
6.	GUJARAT	677	538	138	1184	651	533	30.09.90
7.	HARYANA	574	450	124	2415	2293	122	31.12.90
8.	HIMCHAL PRADESH	528	484	44	528	484	44	30.09.90
9.	JAMMU & KASHMIR	43	43	0	214	214	0	31.03.85
10.	KARNATAKA	695	344	351	465	317	148	30.06.89
11.	KERALA	253	253	0	445	420	25	31.12.90
12.	MADHYA PRADESH	505	470	35	NR	NR	NR	30.09.89
13.	MAHARASHTRA	1537	1409	128	2425	2225	200	31.12.90
14.	MANIPUR	19	9	10	89	89	0	31.12.90.
15.	MEGHALAYA	40	14	26	140	139	1	31.12.90
16.	MIZORAM	21**	6**	15	145	145	0	31.03.91
17.	NAGALAND	31	26	5	20	20	0	31.12.90
18.	ORISSA	108	108	0	394	386	8	30.09.90
19.	PUNJAB	391	391	0	674	460	214	31.09.90
20.	RAJASTHAN	898	685	213	NR	NR	NR	31.12.89
21.	SIKKIM	20	7	12	0	0	0	30.09.90
22.	TAMIL NADU	587	587	0	175	175	0	31.12.90
23.	TRIPURA	25	38	13	125	125	0	30.09.90
24.	UTTAR PRADESH	899	869	30	259	259	0	31.03.90
25.	WEST BENGAL	439	374	65	3544	3004	540	31.12.89
26.	A & N ISLANDS	21	21	0	80	80	0	31.03.91
27.	CHANDIGARH	6	6	0	2	2	0	31.12.90
28.	D & N HAVELI	5	4	1	5	2	3	30.06.90
29.	DAMAN & DIU	*	*	*	*	*	*	
30.	DELHI	30	28	2	17	16	1	30.09.87
31.	LAKSHADWEEP	7	7	0	16	15	1	31.12.90
32.	PONDICHERRY	23	23	0	14	14	0	31.12.90
TOTAL		10186	8627	1559	14520	12076	2444	

NOTE : NR = NOT RECEIVED

\* = FIGURES RELATES TO THE PERIOD ENDING 31.3.86.

+ = EXCEEDING THE NO. SANCTIONED.

\*\* = INCLUDES 7 POSTS IN "SANCTIONED" AND 1 POST "IN POSITION" OF RURAL HOSPITAL.

.&amp; = FIGURES RELATE TO THE PERIOD ENDING 31.3.86.

SOURCE :- RURAL HEALTH STATISTICS - MARCH 1991

(FIGURES ARE PROVISIONAL)

TABLE NO. 7.14 : NUMBER OF MEDICAL GRADUATES (INCLUDING POST-GRADUATES) ON THE LIVE REGISTER OF EMPLOYMENT EXCHANGES IN EACH STATE/UNION TERRITORY DURING 1986 - 89

SL. NO.	STATE/UTs	NUMBER AS ON			
		30-6-86	30-6-87	30-6-88	30-6-89
1	2	3	4	5	6
1.	ANDHRA PRADESH	1894	4727	3329	2914
2.	ARUNACHAL PRADESH	0	0	1	1
3.	ASSAM	138	191	108	102
4.	BIHAR	1514	1564	1133	1513
5.	GOA	110	180	163	220
6.	GUJARAT	785	663	600	613
7.	HARYANA	405	563	709	896
8.	HIMACHAL PRADESH	113	317	187	161
9.	JAMMU & KASHMIR	10	0	2	42
10.	KARNATAKA	1078	994	759	817
11.	KERALA	1492	1568	1309	1624
12.	MADHYA PRADESH	1133	1421	1077	744
13.	MAHARASHTRA	3844	4319	3868	3847
14.	MANIPUR	45	96	113	126
15.	MEGHALAYA	5	5	1	0
16.	MIZORAM	4	5	4	6
17.	NAGALAND	0	0	0	0
18.	ORISSA	528	737	1057	1097
19.	PUNJAB	732	288	233	243
20.	RAJASTHAN	673	885	1115	1876
21.	SIKKIM*	0	0	0	0
22.	TAMIL NADU	2419	2499	2394	2068
23.	TRIPURA	17	17	17	17
24.	UTTAR PRADESH	1814	1853	1579	1309
25.	WEST BENGAL	2145	2690	2675	2798
26.	ANDAMAN & NICOBAR ISLANDS	1	1	1	6
27.	CHANDIGARH	606	790	669	697
28.	DADRA & NAGAR HAVELI	0	0	7	7
29.	DAMAN & DIU **	0	0	0	0
30.	DELHI	3873	4383	4176	3965
31.	LAKSHADWEEP	7	7	7	7
32.	PONDICHERY	228	266	306	369
TOTAL		25613	31029	27599	28085

NOTE : 1. \* = NO EMPLOYMENT EXCHANGE IS FUNCTIONING IN THIS STATE.

2. \*\* = DATA ARE NOT MAINTAINED.

SOURCE : DIRECTORATE GENERAL OF EMPLOYMENT & TRAINING.

TABLE NO. 7.15 : NUMBER OF PHARMACISTS AND NURSES (GENERAL) ON THE LIVE REGISTER OF EMPLOYMENT EXCHANGES IN EACH STATE/U.T. AS ON 31-12-1988

SL. NO.	STATE/U.T.s	PHARMA-CISTS	NURSES
1	2	3	4
1.	ANDHRA PRADESH	3373	1430
2.	ARUNACHAL PRADESH	0	0
3.	ASSAM	276	177
4.	BIHAR	3089	653
5.	GOA	135	108
6.	GUJARAT	681	91
7.	HARYANA	840	258
8.	HIMACHAL PRADESH	426	57
9.	JAMMU & KASHMIR	103	18
10.	KARNATAKA	1023	280
11.	KERALA	1893	2415
12.	MADHYA PRADESH	941	647
13.	MAHARASHTRA	2278	981
14.	MANIPUR	111	326
15.	MEGHALAYA	1	1
16.	MIZORAM	0	0
17.	NAGALAND	0	0
18.	ORISSA	620	248
19.	PUNJAB	743	109
20.	RAJASTHAN	579	473
21.	SIKKIM*	0	0
22.	TAMILNADU	3209	1119
23.	TRIPURA	74	14
24.	UTTAR PRADESH	1842	311
25.	WEST BENGAL	9752	815
26.	ANDAMAN & NICOBAR ISLANDS @	0	0
27.	CHANDIGARH	168	332
28.	DADRA & NAGAR HAVELI	0	0
29.	DELHI	1984	2579
30.	DAMAN & DIU **	0	0
31.	LAKSHADWEEP	0	0
32.	PONDICHERRY	66	78
33.	CENTRAL EMPLOYMENT EXCHANGES	0	0
TOTAL		34207	13520

NOTE: 1.\* = NO EMPLOYMENT EXCHANGE IS FUNCTIONING IN THESE STATES / UNION TERRITORIES.

2.\*\* = DATA ARE NOT MAINTAINED.

3.@ = NOT AVAILABLE

SOURCE : DTE. GENERAL OF EMPLOYMENT & TRAINING.

TABLE NO. 7.16 : NO. OF MEDICAL PRACTITIONERS REGISTERED WITH  
MEDICAL COUNCIL OF INDIA ALONGWITH RATIO

YEAR	MEDICAL PRACTITIONERS REGISTERED WITH MEDICAL COUNCIL OF INDIA(00)	MEDICAL PRACTITIONERS PER 100000 POPULATION
1951	618	17
1961	837	21
1971	1511	27
1981	2687	39
1982	2715	38
1983	2842	39
1984	2965	40
1985	3082	41
1986	3201	41
1987	3318	42
1988	3556	44
1989	3521	43
1990	3650	44

SOURCE : MEDICAL COUNCIL OF INDIA  
DOCTORS REGISTERED WITH VARIOUS STATE MEDICAL COUNCILS





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## **8. MEDICAL CARE STATISTICS**

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TABLE NO. 8.01 : NUMBER OF HOSPITALS AND BEDS ACCORDING TO  
RURAL/URBAN AREAS AS ON 1-1-1991

Sl. No.	States/ U.Ts.	Rural		Urban		Total	
		Hospi- tals	Beds	Hospi- tals	Beds	Hospi- tals	Beds
1	2	3	4	5	6	7	8
1.	Andhra Pradesh(1-1-86)	165	3716	450	32684	615	36400
2.	Arunachal Pradesh	12	506	6	585	18	1091
3.	Assam (1-1-90)	111	3482	96	10978	207	14460
4.	Bihar(1-1-88)	76	2298	222	25839	298	28137
5.	Goa	41	825	67	2558	108	3383
6.	Gujarat (1-1-89)	130	5010	1433	41364	1563	46374
7.	Haryana	8	543	70	6460	78	7003
8.	Himachal Pradesh	23	598	42	3676	65	4274
9.	Jammu & Kashmir(1-1-89)	14	451	53	7751	67	8202
10.	Karnataka	25	2526	263	31951	288	34477
11.	Kerala	2328	37859	596	32490	2924	70349
12.	Madhya Pradesh(1-1-89)	83	1967	279	20136	362	22103
13.	Maharashtra(1-1-90)	345	12120	1759	99300	2104	111420
14.	Manipur	21	765	4	695	25	1460
15.	Meghalaya(1-1-90)	2	40	13	1714	15	1754
16.	Mizoram	4	136	10	1018	14	1154
17.	Nagaland	21	321	10	793	31	1114
18.	Orissa	121	2939	166	11049	287	13988
19.	Punjab(1-4-90)	90	2795	140	12223	230	15018
20.	Rajasthan	24	1286	243	20529	267	21815
21.	Sikkim	0	0	5	525	5	525
22.	Tamil Nadu (1-1-90)	89	4235	319	44545	408	48780
23.	Tripura	10	275	13	1256	23	1531
24.	Uttar Pradesh(1-1-86)	83	2585	652	44693	735	47278
25.	West Bengal (1-1-90)	131	7610	279	46367	410	53977
26.	A & N Islands	4	193	4	542	8	735
27.	Chandigarh	0	0	2	1500	2	1500
28.	D & N Haveli	2	62	0	0	2	62
29.	Daman & Diu	0	0	3	150	3	150
30.	Delhi (1-1-90)	3	102	77	18139	80	18241
31.	Lakshadweep	2	70	0	0	2	70
32.	Pondicherry	0	0	10	2608	10	2608
TOTAL		3968	95315	7286	524118	11254	619433



TABLE NO. 8.02 : NUMBER OF HOSPITALS AND BEDS ACCORDING TO OWNERSHIP AS ON  
1-1-1991

Sl. No.	States/ U.Ts.	Government		Local Bodies		Pvt. & vol.Org.		Total		Population served per	
		Hosp.	Beds	Hosp.	Beds	Hosp.	Beds	Hosp.	Beds	Hosp.	Beds
1	2	3	4	5	6	7	8	9	10	11	12
1.	Andhra Pradesh(1-1-86)	345	25251	4	46	266	11103	615	36400	95416	161
2.	Arunachal Pradesh	18	1091	0	0	0	0	18	1091	45778	75
3.	Assam(1-1-90)	122	11678	46	957	39	1825	207	14460	117700	168
4.	Bihar(1-1-88)	242	22553	1	48	55	5536	298	28137	271369	287
5.	Goa	16	1808	0	0	92	1575	108	3383	12207	38
6.	Gujarat(1-1-89)	170	16578	74	4703	1319	25093	1563	46374	25351	85
7.	Haryana	58	4771	0	0	20	2232	78	7003	210154	234
8.	Himachal Pradesh	52	3769	5	58	8	447	65	4274	78323	119
9.	Jammu & Kashmir(1-1-89)	65	8062	0	0	2	140	67	8202	106239	86
10.	Karnataka	209	26424	28	714	51	7339	288	34477	157000	131
11.	Kerala	137	26474	0	0	2787	43875	2924	70349	10269	427
12.	Madhya Pradesh(1-1-89)	362	22103	+	+	+	+	362	22103	170257	278
13.	Maharashtra(1-1-90)	693	62684	92	10955	1319	37781	2104	111420	35184	664
14.	Manipur	21	1360	0	0	4	100	25	1460	71720	122
15.	Meghalaya(1-1-90)	10	1094	0	0	5	660	15	1754	112400	96
16.	Mizoram	11	844	0	0	3	310	14	1154	50500	61
17.	Nagaland	31	1114	0	0	0	0	31	1114	36452	10
18.	Orissa	252	12576	6	111	29	1301	287	13988	109261	224
19.	Punjab(1-4-90)	187	11133	4	103	39	3782	230	15018	85174	130
20.	Rajashtan	227	19727	2	54	38	2034	267	21815	166318	203
21.	Sikkim	5	525	0	0	0	0	5	525	89600	85
22.	Tamil Nadu(1-1-90)	282	37935	7	479	119	10366	408	48780	136159	113
23.	Tripura	23	1531	0	0	0	0	23	1531	111826	168
24.	Uttar Pradesh(1-1-86)	534	34267	42	985	159	12026	735	47278	166842	259
25.	West Bengal (1-1-90)	260	46462	21	603	129	6912	410	53977	157629	119
26.	A & N Islands	6	706	0	0	2	29	8	735	36625	39
27.	Chandigarh	2	1500	0	0	0	0	2	1500	376500	50
28.	D & N Haveli	1	50	0	0	1	12	2	62	66000	21
29.	Daman & Diu	1	100	0	0	2	50	3	150	(Included in Go	
30.	Delhi(1-1-90)	27	8926	21	3603	32	5712	80	18241	110675	48
31.	Lakshadweep	2	70	0	0	0	0	2	70	23500	67
32.	Pondicherry	8	2462	0	0	2	146	10	2608	74600	28
TOTAL		4379	415628	353	23419	6522	180386	11254	619433	74169	1347

NOTE : 1. + = NOT AVAILABLE

2. Ratio has been worked out with Annual Estimates of Population of the year to which the data relates.

TABLE NO. 8.03 : NUMBER OF DISPENSARIES AND BEDS ACCORDING TO  
RURAL/URBAN AS ON 1-1-1991

Sl. No.	States/ U.Ts.	Rural		Urban		Total	
		Dispen- saries	Beds	Dispen- saries	Beds	Dispen- saries	Beds
1.	Andhra Pradesh(1-1-86)	549	171	244	106	793	277
2.	Arunachal Pradesh	30	60	1	2	31	62
3.	Assam(1-1-90)	291	6	26	42	317	48
4.	Bihar (1-1-88)	411	0	16	96	427	96
5.	Goa	307	0	319	0	626	0
6.	Gujarat(1-1-89)	2470	637	3388	4013	5858	4650
7.	Haryana	39	18	176	384	215	402
8.	Himachal Pradesh	190	186	23	27	213	213
9.	Jammu & Kashmir(1-1-89)	583	0	27	0	610	0
10.	Karnataka	610	355	232	242	842	597
11.	Kerala	1243	95	509	64	1752	159
12.	Madhya Pradesh(1-1-89)	278	132	87	83	365	215
13.	Maharashtra (1-1-90)	796	452	8406	1966	9202	2418
14.	Manipur	49	0	3	0	52	0
15.	Meghalaya (1-1-90)	22	0	2	0	24	0
16.	Mizoram	21	190	1	0	22	190
17.	Nagaland	57	64	8	0	65	64
18.	Orissa	132	75	64	4	196	79
19.	Punjab (1-4-90)	1249	4961	224	570	1473	5531
20.	Rajasthan	339	188	423	788	762	976
21.	Sikkim	135	0	0	0	135	0
22.	Tamil Nadu(1-1-90)	147	138	365	140	512	278
23.	Tripura	469	0	6	0	475	0
24.	Uttar Pradesh(1-1-86)	1318	5137	432	592	1750	5729
25.	West Bengal (1-1-90)	408	0	143	0	551	0
26.	AN Islands	5	0	5	0	10	0
27.	Chandigarh	7	0	26	0	33	0
28.	D&N Haveli	5	4	0	0	5	4
29.	Daman & Diu	13	0	12	0	25	0
30.	Delhi (1-1-90)	97	0	526	0	623	0
31.	Lakshadweep	0	0	0	0	0	0
32.	Pondicherry	14	43	16	151	30	194
Total		12284	12912	15710	9270	27994	22182

619433

641112

TABLE NO. 8.04 : NUMBER OF DISPENSARIES AND BEDS ACCORDING TO OWNERSHIP  
AS ON 1-1-1991

Sl. No.	States/ U.Ts.	Govt.		Local Bodies		Pvt. & Vol. Org		Total	
		Disp.	Beds	Disp.	Beds	Disp.	Beds	Disp.	Beds
1	2	3	4	5	6	7	8	9	10
1.	Andhra Pradesh(1-1-86)	306	182	450	95	37	0	793	277
2.	Arunachal Pradesh	31	62	0	0	0	0	31	62
3.	Assam (1-1-90)	317	48	0	0	0	0	317	48
4.	Bihar (1-1-88)	427	96	0	0	0	0	427	96
5.	Goa	32	0	0	0	594	0	626	0
6.	Gujarat (1-1-89)	169	37	283	111	5406	4502	5858	4650
7.	Haryana	171	396	3	6	41	0	215	402
8.	Himachal Pradesh	208	204	2	2	3	7	213	213
9.	Jammu & Kashmir(1-1-89)	610	0	0	0	0	0	610	0
10.	Karnataka	806	528	25	65	11	4	842	597
11.	Kerala	51	159	0	0	1701	0	1752	159
12.	Madhya Pradesh(1-1-89)	365	215	+	+	+	+	365	215
13.	Maharashtra(1-1-90)	319	352	1304	991	7579	1075	9202	2418
14.	Manipur	27	0	25	0	0	0	52	0
15.	Meghalaya (1-1-90)	24	0	0	0	0	0	24	0
16.	Mizoram	22	190	0	0	0	0	22	190
17.	Nagaland	65	64	0	0	0	0	65	64
18.	Orissa	173	14	8	0	15	65	196	79
19.	Punjab (1-4-90)	1440	5513	21	6	12	12	1473	5531
20.	Rajasthan	706	951	0	0	56	25	762	976
21.	Sikkim	135	0	0	0	0	0	135	0
22.	Tamil Nadu(1-1-90)	236	68	247	112	29	98	512	278
23.	Tripura	475	0	0	0	0	0	475	0
24.	Uttar Pradesh(1-1-86)	1555	5329	126	324	69	76	1750	5729
25.	West Bengal (1-1-90)	246	0	243	0	62	0	551	0
26.	A & N Islands	10	0	0	0	0	0	10	0
27.	Chandigarh	33	0	0	0	0	0	33	0
28.	D & N Haveli	5	4	0	0	0	0	5	4
29.	Daman & Diu	2	0	0	0	23	0	25	0
30.	Delhi (1-1-90)	291	0	194	0	138	0	623	0
31.	Lakshadweep	0	0	0	0	0	0	0	0
32.	Pondicherry	19	43	0	0	11	151	30	194
Total		9276	14455	2931	1712	15787	6015	27994	22182

Note : + Not Available.

TABLE NO. 8.05: NO. OF HOSPITALS, NO. OF HOSPITAL BEDS &  
NO. OF BEDS ALL TYPES ALONGWITH RATIO

YEARS	NUMBER OF HOS- PITALS	NO. OF HOSPITALS PER 1000000 POPULATION	NO. OF HOSPITAL BEDS		NO. OF BEDS(ALL TYPES)	
			ACTUAL	RATIO PER 100000 POPULATION	ACTUAL	RATIO PER 100000 POPULATION
1951	2694	7	-	-	117178	32
1961	3054	7	-	-	230000	57
1971	3862	7	-	-	348655	64
1981	6804	10	476226	68	569495	83
1982	6897	10	486805	68	583773	82
1983	7189	10	500628	69	599074	82
1984	7369	10	514989	69	624769	84
1985	7474	10	535735	71	656850	86
1986	8067	10	555264	72	695134	90
1987	9803	12	585889	74	727146	92
1988	10840	13	598059	74	743784	92
1989	11079	13	602490	74	777697	95
1990	11245	13	619433	74	785145	94





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## 9. COMMUNITY HEALTH SERVICES

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TABLE NO. 9.01 : ESTABLISHMENT OF PRIMARY HEALTH CENTRES AND  
SUBCENTRES IN INDIA SINCE FIRST FIVE YEARS PLAN

PERIOD	PHCs	SUB- CENTERS
1ST FIVE YEAR PLAN	725	
2ND FIVE YEAR PLAN	2565	
3RD FIVE YEAR PLAN	4631	
INTER-PLAN PERIOD 3 YEARS		
AS ON 31.03.1967	4793	17521
AS ON 31.03.1968	4946	21539
AS ON 31.03.1969	4919	22826
4TH FIVE YEAR PLAN		
AS ON 31.03.1970	5015	23527
AS ON 31.03.1971	5112	28489
AS ON 31.03.1972	5183	28167
AS ON 31.03.1973	5248	31034
AS ON 31.03.1974	5283	33509
5TH FIVE YEAR PLAN		
AS ON 31.03.1975	5293	33616
AS ON 31.03.1976	5328	34088
AS ON 31.03.1977	5380	38110
AS ON 31.03.1978	5400	38115
AS ON 31.03.1979	5423	40124
AS ON 31.03.1980	5484	47112
6TH FIVE YEAR PLAN		
AS ON 31.03.1981	5740	51405
AS ON 31.03.1982	5851	57975
AS ON 31.03.1983	5959	65643
AS ON 31.03.1984	6375	77236
AS ON 31.03.1985	7284	84590
7TH FIVE YEAR PLAN		
AS ON 31.03.1986	12934*	92483
AS ON 31.03.1987	14281*	101549
AS ON 31.03.1988	16449	109644
AS ON 31.03.1989	18811	120767
AS ON 31.03.1990	20536	130390
AS ON 31.03.1991	21641	130960

NOTE : \* -INCLUDES SUBSIDIARY HEALTH CENTRES ALSO.  
SOURCE : RURAL HEALTH STATISTICS , MARCH 1991.



TABLE NO. 9.02 : PRIMARY HEALTH CENTRES---PROGRESS OF ESTABLISHMENT  
AS ON 01-04-90

Sl. No.	State/UT	No. funct- tioning as on 1-4-85	7th Plan Target (1985- 1990)	1985-86		1986-87		1987-88		1988-89		1989-90		1985-90		No. fun- ctioning as on 1-4-90
				Tar- get	Achiev- ment	Tar- get	Achiev- ment	Tar- get	Achiev- ment	Tar- get	Achiev- ment	Tar- get	Achiev- ment	Tar- get	Achiev- ment	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1.	Andhra Pradesh	555	1150	100	527	0	1	200	200	200	0	200	0	700	728	1283
2.	Arunachal Pradesh	0	28	5	6	6	6	8	8	4	4	4	4	27	28	28
3.	Assam	237	200	20	33	35	59	55	61	55	47	55	3	220	203	440
4.	Bihar	796	1500	200	205	200	200	350	393	400	407	302	0	1452	1205	2001
5.	Goa	13	7	0	0	2	2	2	2	2	2	1	1	7	7	20
6.	Gujarat	310	690	50	45	75	102	150	175	180	49	200	25	655	396	706
7.	Haryana	163	231*	50	72	40	49	50	19	30	30	61	33	231	203	366
8.	Himachal Pradesh	117	110*	15	15	16	16	8	8	15	15	27	30	81	84	201
9.	Jammu & Kashmir	123	200	50	14	12	16	50	52	60	61	56	0	228	143	266
10.	Karnataka	365	774*	50	50	50	50	80	80	300	282	294	306	774	768	1133
11.	Kerala	199	800*	100	102	144	144	150	150	200	127	241	164	835	687	886
12.	Madhya Pradesh	680	731	0	5	100	124	225	126	200	200	276	46	801	501	1181
13.	Maharashtra	1539	261	0	0	50	0	60	0	91	0	261	107	482	107	1646
14.	Manipur	31	37*	4	4	8	5	8	9	13	13	6	6	39	37	68
15.	Meghalaya	32	33*	13	6	9	9	6	6	6	7	6	11	40	39	71
16.	Mizoram	19	18	3	3	4	4	5	5	3	4	3	0	18	16	35
17.	Nagaland	21	14*	2	3	2	0	3	3	4	4	4	2	15	12	33
18.	Orissa	484	500	60	30	100	150	100	52	100	96	168	112	528	440	924
19.	Punjab	1706	330	0	40	40	40	70	70	85	85	0	95	195	330	2036
20.	Rajasthan	448	702	10	50	50	100	15	0	175	300	318	150	568	600	1048

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TABLE NO. 9.02 : (CONTD.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		18	2	1	1	1	1	2	0	0	0	0	0	4	2	20
21.Sikkim		436	1057	300	215	100	47	50	140	325	384	270	164	1045	950	1386
22.Tamil Nadu		32	15	2	0	2	5	6	12	4	0	20	0	34	17	49
23.Tripura		1169	2500	340	372	500	500	520	435	550	503	676	124	2586	1934	3103
24.Uttar Pradesh		1172	488	75	29	5	108	100	102	125	127	124	6	429	372	1544
25.West Bengal		6	5	2	2	2	4	0	1	1	1	2	2	7	10	16
26.A & N ISLANDS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
27.Chandigarh		3	3	1	0	1	1	1	0	1	1	1	0	5	2	5
28.DADRA & NAGAR HAVELI		2	0	0	0	0	0	0	0	0	0	2	2	2	2	4
29.Daman & Diu		8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
30.Delhi		7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
31.Lakshadweep		14	6	2	0	0	4	0	2	2	2	0	0	4	8	22
32.Pondicherry																
TOTAL		10705	12392	1455	1829	1554	1747	2274	2111	3131	2751	3578	1393	11992	9831	20536

Notes:

All figures upto 31.3.88 regarding establishment of PHCs during 1985-88 are provided by Planning Commission

\* = Revised target as arrived at working Group discussion on Annual Plan 1989 - 90.

SOURCE--RURAL HEALTH STATISTICS-March 1991.

TABLE NO. 9.03 : SUB-CENTRES--PROGRESS OF ESTABLISHMENT ON 1-04-90

Sl. No.	State/U.T	No. function as on 1-4-85	7th Plan Target (1985-1990)	1985-86		1986-87		1987-88	
				Target	Achievement	Target	Achievement	Target	Achievement
1	2	3	4	5	6	7	8	9	10
1.	Andhra Pradesh	6129	4000	450	415	450	450	900	900
2.	Arunachal Pradesh	55	135	20	18	20	20	32	32
3.	Assam	1711	3421	400	401	500	511	500	522
4.	Bihar	8299	6500	800	750	600	600	800	800
5.	Goa	135	10	2	2	2	2	2	2
6.	Gujarat	4869	1787	300	300	300	300	300	300
7.	Haryana	1591	776	150	117	150	186	150	162
8.	Himachal Pradesh	952	560	0	0	15	15	75	75
9.	Jammu & Kashmir	609	1367	150	41	150	154	250	255
10.	Karnataka	4964	2061*	50	50	200	200	500	2463a
11.	Kerala	2270	2824*	500	504	600	600	500	500
12.	Madhya Pradesh	6615	5385	0	20	525	730	556	1550
13.	Maharashtra	6391	4419	750	1320	1200	1527	1200	0
14.	Manipur	301	119	21	21	20	22	40	45
15.	Meghalaya	217	230	50	47	50	9	50	28
16.	Mizoram	162	58	10	10	12	12	12	12
17.	Nagaland	133	124	20	61	25	0	25	7
18.	Orissa	4127	1800	199	199	0	0	500	500
19.	Punjab	2603	250	50	50	50	50	50	50
20.	Rajasthan	3790	4210	500	502	500	500	700	0
21.	Sikkim	82	50	10	18	10	11	10	11
22.	Tamil Nadu	5860	3000	500	848	350	492	500	858
23.	Tripura	230	300*	0	4	25	28	75	75
24.	Uttar Pradesh	15653	6559*	1000	2000	1500	1500	1000	1000
25.	West Bengal	6100	4600	200	180	1500	1132	500	277
26.	A & N Islands	31	42	0	12	8	11	2	3
27.	Chandigarh	12	0	0	0	0	0	0	0
28.	Dadra & Nagar Haveli	19	15	0	3	4	4	4	1
29.	Daman & Diu	14	0	0	0	0	0	0	0
30.	Delhi	42	0	0	0	0	0	0	0
31.	Lakshadweep	14	10	0	0	0	0	0	0
32.	Pondicherry	73	0	0	0	0	0	0	0
Total		84053	54612	6132	7893	8766	9066	9233	10428

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TABLE NO. 9.03 : (CONTD.)

Sl. No.	State/U.T.s	1988-89		1989-90		1985- 90		No. function- ing as on 1.4.90
		Tar- get	Achiev- ment	Tar- get	Achiev- ment	Target	Achiv. ment	
1	2	11	12	13	14	15	16	17
1.	Andhra Pradesh	1000	0	1235	0	4035	1765	7894
2.	Arunachal Pradesh	30	30	35	0	137	100	155
3.	Assam	1000	965	1000	1000	3400	3399	5110
4.	Bihar	2000	2000	2350	2350	6550	6500	14799
5.	Goa	2	2	2	2	10	10	145
6.	Gujarat	300	300	300	364	1500	1564	6433
7.	Haryana	150	150	161	93	761	708	2299
8.	Himachal Pradesh	225	225	0	235	315	550	1502
9.	Jammu & Kashmir	400	401	516	0	1466	851	1460
10.	Karnataka	116	116	0	0	866	2829	7793
11.	Kerala	500	500	720	720	2820	2824	5094
12.	Madhya Pradesh	1500	1000	2085	1995	4666	5295	11910
13.	Maharashtra	0	0	1572	10	4722	2857	9248
14.	Manipur	21	20	10	11	112	119	420
15.	Meghalaya	70	2	96	12	316	98	315
16.	Mizoram	12	12	12	12	58	58	220
17.	Nagaland	25	0	31	0	126	68	201
18.	Orissa	600	600	501	0	1800	1299	5426
19.	Punjab	50	50	50	50	250	250	2853
20.	Rajasthan	1000	1700	1508	1508	4208	4210	8000
21.	Sikkim	5	5	5	5	40	50	132
22.	Tamil Nadu	500	500	123	123	1973	2821	8681
23.	Tripura	75	42	93	93	268	242	472
24.	Uttar Pradesh	1500	1500	559	0	5559	6000	21653
25.	West Bengal	1500	184	1511	0	5211	1773	7873
26.	A & N Islands	20	20	20	20	50	66	97
27.	Chandigarh	0	0	0	0	0	0	12
28.	Dadra & Nagar Haveli	3	3	4	4	15	15	34
29.	Daman & diu	0	0	3	16	3	16	30
30.	Delhi	0	0	0	0	0	0	42
31.	Lakshadweep	0	0	0	0	0	0	14
32.	Pondicherry	0	0	0	0	0	0	73
TOTAL		12604	10327	14502	8623	51237	46337	130390

Notes: @ - Including 1963 sub-centre established during earlier year year-wise break-up of which is not available.

\* = 7TH PLAN TARGET OF SUB-CENTRES CHANGED BY PLANNING COMMISSION IN ANNUAL PLAN 1989-90 DISCUSSION.

All figures of sub-centres upto 31.3.88 provided by Planning Commission.  
(Figures are provisional)

Source:- RURAL HEALTH STATISTICS - MARCH, 1991



TABLE NO. 9.04 : COMMUNITY HEALTH CENTRES--PROGRESS OF ESTABLISHMENT  
AS ON 1-04-1990

Sl. No.	State/UT	No. func- tioning as on 1-4-85 (1985-1990)	7th Plan	1985-86	1986-87	1987-88	1988-89	1989-90	1985-90	No. function -ing as on 1.4.90						
				Tar- get	Achiev- ment	Tar- get	Achiev- ment	Tar- get	Achiev- ment							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1.	Andhra Pradesh	27	100	18	2	20	2	15	15	40	0	20	0	113	19	46
2.	Arunachal Pradesh	0	7	1	1	2	2	2	2	1	1	0	0	6	6	6
3.	Assam	12	30	5	12	7	8	5	8	9	13	11	3	37	44	56
4.	Bihar	50	97	10	6	15	18	20	2	20	20	0	0	65	46	96
5.	Goa	3	2	0	0	1	1	0	0	1	1	0	0	2	2	5
6.	Gujarat	22	100	20	14	15	39	25	25	30	34	20	1	110	113	135
7.	Haryana	2	50	10	9	10	11	10	9	10	2	7	8	47	39	41
8.	Himachal Pradesh	28	7	1	2	1	1	1	1	0	0	3	3	6	7	35
9.	Jammu & Kashmir	19	15	3	3	3	0	5	9	2	2	0	0	13	14	33
10.	Karnataka	98	58a	15	7	0	0	21	0	10	21	20	20	66	48	146
11.	Kerala	4	100	0	0	25	0	0	25	25	0	25	25	75	50	54
12.	Madhya Pradesh	58	100	10	2	10	15	40	40	20	32	11	25	91	114	172
13.	Maharashtra	147	78	45	0	50	130	0	0	0	0	0	6	95	136	283
14.	Manipur	6	10	4	0	3	0	2	2	4	1	2	0	15	3	9
15.	Meghalaya	3	8	2	0	2	0	2	0	2	0	3	0	11	0	3
16.	Mizoram	1	4	1	1	1	1	0	1	1	1	0	0	3	4	5
17.	Nagaland	1	6	1	2	0	0	0	0	1	0	1	0	3	2	3
18.	Orissa	59	92	25	0	10	11	13	13	26	0	0	1	74	25	84
19.	Punjab	10	56	12	10	10	12	12	12	10	12	0	12	44	58	68
20.	Rajasthan	76	25	5	0	10	10	15	0	5	50	65	50	100	110	186

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TABLE NO. 9.04 : (CONTD.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	21.Sikkim	0	2	1	0	0	0	2	0	2	0	0	0	5	0	0
	22.Tamil Nadu	30	120	25	1	2	41	0	0	24	0	40	0	91	42	72
	23.Tripura	3	7	2	0	3	1	2	4	1	0	1	0	9	5	8
	24.Uttar Pradesh	74	259	52	32	56	19	32	17	37	43	35	32	212	143	217
	25.West Bengal	23	184	30	7	20	21	30	30	30	3	30	3	140	64	87
	26.A & N Islands	0	3	0	0	1	0	0	0	1	1	1	1	3	2	2
	A7.Chandigarh	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	28.DADRA & Haveli	0	2	0	0	0	0	1	0	0	0	0	0	1	0	0
	29.Daman & Diu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30.Delhi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	31.Lakshadweep	1	0	0	0	0	0	2	0	0	0	2	0	4	0	1
	32.Pondicherry	1	1	0	0	1	0	0	0	0	0	0	0	1	0	1
	Total	759	1523	298	111	278	343	257	215	312	237	297	190	1442	1096	1855

Note :

ALL FIGURES OF CHCs UPTO 31.3.88 REGARDING ESTT. OF CHCs DURING 1985-88 WERE PROVIDED BY PLANNING COMMISSION.

REVISED TARGETS AS ARRIVED AT ANNUAL PLAN WORKING GROUP DISCUSSION FOR 1989-90.

(FIGURES ARE PROVISIONAL)

SOURCE:- RURAL HEALTH STATISTICS - MARCH 1991.

TABLE NO. 9.05 : NUMBER OF PHCs AND SUB-CENTRES REQUIRED AND  
IN POSITION IN TRIBAL AREAS AS ON 31-12-90

Sl. No.	States/ U.Ts.	PHCs			Sub-Centres		
		Requ- ired	In Posi- tion	Achie- vement (%)	Requ- ired	In Posi- tion	Achieve- ment (%)
1	2	3	4	5	6	7	8
1.	Andhra Pradesh	137	116	84.7	915	654	71.5
2.	Arunachal Pradesh*	24	24	100.0	190	155	81.6
3.	Assam	121	74	61.2	804	445	55.3
4.	Bihar	489	208	42.5	3522	1824	51.8
5.	Goa	0	0	0	0	0	0
6.	Gujarat	294	163	55.4	1930	1632	84.6
7.	Haryana	0	0	0	0	0	0
8.	Himachal Pradesh	10	15	150.0	64	96	150.0
9.	Jammu & Kashmir	0	0	0	0	0	0
10.	Karnataka	266	307	115.4	1855	1850	99.7
11.	Kerala	55	56	101.0	369	131	35.5
12.	Madhya Pradesh	752	633	84.3	5019	4935	98.3
13.	Maharashtra	265	265	100.0	1662	1603	96.5
14.	Manipur	35	35	100.0	221	221	100.0
15.	Meghalaya*	67	45	67.1	447	235	52.6
16.	Mizoram*	55	55	100.0	220	220	100.0
17.	Nagaland*	40	65	162.5	267	213	79.8
18.	Orissa	354	349	98.6	2300	1485	64.6
19.	Punjab	0	0	0	0	0	0
20.	Rajasthan	135	125	92.6	1019	931	91.4
21.	Sikkim	2	3	150.0	10	18	180.0
22.	Tamil Nadu	12	13	108.3	70	111	158.6
23.	Tripura	33	32	97.0	222	233	105.0
24.	Uttar Pradesh	219	189	86.3	1381	1376	99.6
25.	West Bengal	107	91	85.0	712	417	58.6
26.	A & N Islands	4	2	50.0	30	25	83.3
27.	Chandigarh	0	0	0	0	0	0
28.	D & N Haveli*	5	5	100.0	34	34	100.0
29.	Daman & Diu	2	1	50.0	17	14	82.4
30.	Delhi	0	0	0	0	0	0
31.	Lakshadweep*	2	7	350.0	14	14	100.0
32.	Pondicherry	0	0	0	0	0	0-
Total		3475	2878	82.34	23294	18872	81.0

NOTE : 1. \* =Predominantly Tribal states/UTs having no TSP.

2. PHCs = Primary Health Centres

Source :- Tribal Development Planning Cell

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## **10. PUBLIC HEALTH STATISTICS**

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TABLE NO. 10.01 : NOTIFIED CASES OF CHOLERA AND SMALLPOX IN INDIA  
1956-1990

YEAR	CHOLERA		SMALLPOX	
	C	D	C	D
1	2	3	4	5
1956	39759	17120	45109	10931
1957	56007	22996	78666	23150
1958	66076	28180	168216	45848
1959	114937	5418	47693	12183
1960	14167	5250	31091	7903
1961	47637	16334	45380	12480
1962	27165	9403	55595	15048
1963	56988	20309	83423	26360
1964	56436	19836	36646	10041
1965	43285	12947	33402	9058
1966	13027	2788	32616	8482
1967	13658	3122	83943	26225
1968	22587	4472	30295	7266
1969	19280	3757	19139	4156
1970	17268	3801	12611	2240
1971	17140	3595	16166	2706
1972	21344	2908	27407	5457
1973	40855	5308	88109	15434
1974	30997	2189	188003	31262
1975	21955	2320	1436	196
1976	17492	861	0	0
1977	9091	538	0	0
1978	10708	263	0	0
1979	5638	312	0	0
1980	8717	309	0	0
1981	6073	200	0	0
1982	4693	217	0	0
1983	9202	432	0	0
1984	2642	68	0	0
1985	5813	154	0	0
1986	4211	71	0	0
1987	11423	224	0	0
1988	8957	215	0	0
1989	5044	72	0	0
1990(PROV)	3704	87	0	0

NOTE:- C-CASES  
D-DEATHS

TABLE NO. 10.02 : REPORTED CASES AND DEATHS DUE TO CHOLERA & DIARRHOEAL DISEASES IN STATES/U.Ts IN INDIA DURING 1990

Sl. States/U.Ts. NO.	CHOLERA		ACUTE DIARRHOEAL DISEASES	
	C	D	C	D
1.Andhra Pradesh	69	0	1086233	424
2.Arunachal Pradesh	0	0	91936	15
3.Assam	794	31	959992	465
4.Bihar	0	0	9749	5
5.Goa	0	0	7578	10
6.Gujarat	136	2	243310	338
7.Haryana	21	0	305553	231
8.Himachal Pradesh	0	0	477449	81
9.Jammu & Kashmir	0	0	447293	6
10.Karnataka	412	14	310682	218
11.Kerala	174	9	871369	122
12.Madhya Pradesh	95	3	708280	555
13.Maharashtra	546	22	496099	121
14.Manipur	0	0	24940	2
15.Meghalaya	0	0	77062	45
16.Mizoram	0	0	19078	23
17.Nagaland	0	0	6965	5
18.Orissa	0	0	1359044	1068
19.Punjab	66	0	182714	67
20.Rajasthan	0	0	107817	47
21.Sikkim	0	0	35656	22
22.Tamil Nadu	812	4	257848	382
23.Tripura	0	0	103160	47
24.Uttar Pradesh	4	0	508261	663
25.West Bengal	30	0	257359	3308
26.A & N Islands	0	0	58880	18
27.Chandigarh	8	0	33973	26
28.D & N haveli	0	0	24383	7
29.Daman & Diu	0	0	881	7
30.Delhi *	537	2	391422*	230*
31.Lakshadweep	0	0	5821	0
32.Pondicherry	0	0	108951	75
Totals	3704	87	9579738	8633

NOTE: 1. C=Cases, D=Deaths, N.R. = Not Recieved  
2. Data is provisional and not comparable due to ill defined coverage.  
3. @ =Notified Cases of Cholera based on Weekly Epidemiological Reports.  
4. \* =Incomplete since Data for Delhi Admn. institutions is not available.





CHART NO-II  
POSITIVE CASES OF MALARIA IN INDIA

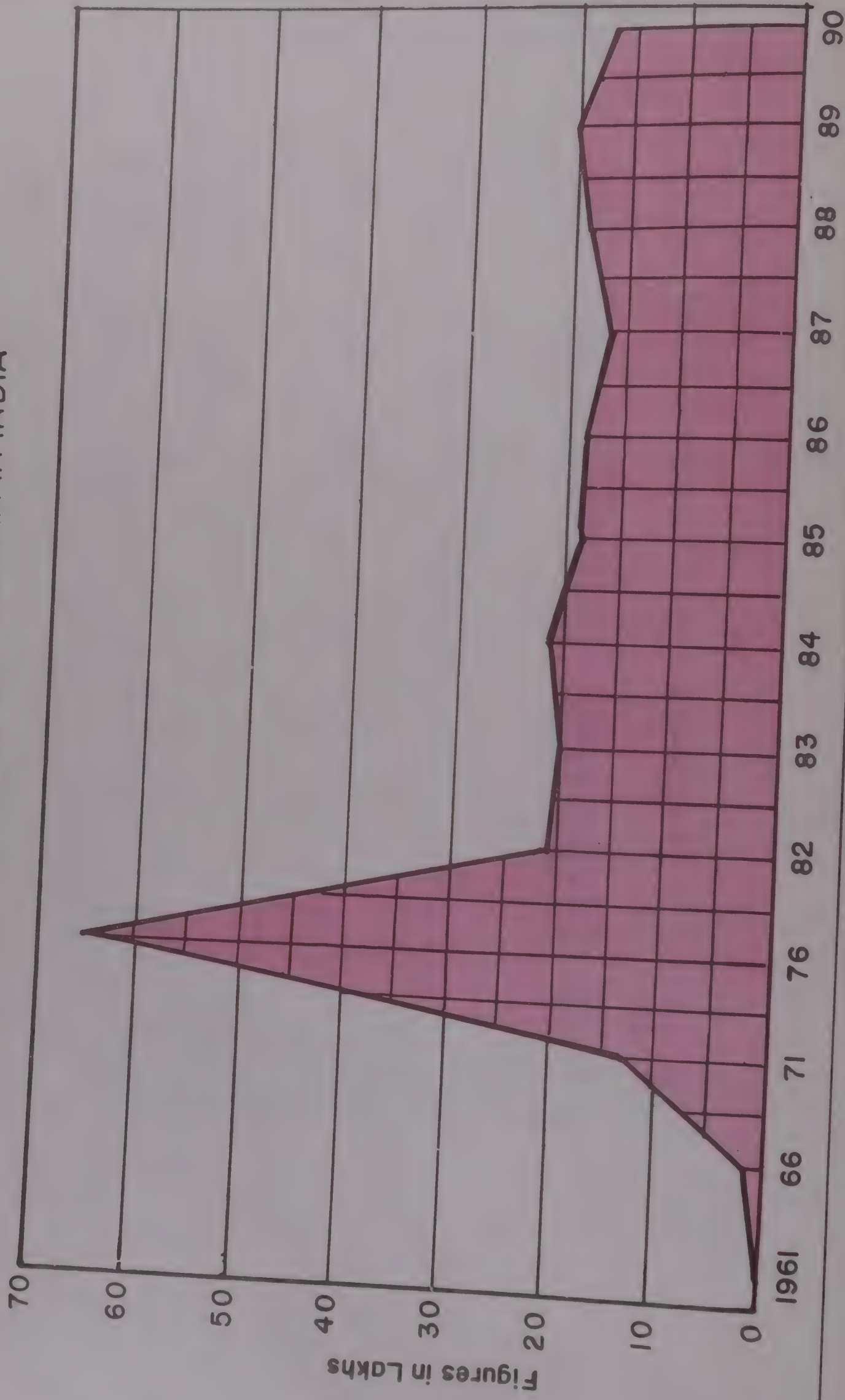


TABLE NO.10.03 : POSITIVE CASES OF MALARIA IN INDIA  
1961 TO 1990

YEAR	CASES	DEATHS
1	2	3
1961	49151	-
1962	59575	-
1963	87306	-
1964	112942	-
1965	99667	-
1966	148012	-
1967	278214	-
1968	274634	-
1969	347975	-
1970	694017	-
1971	1322398	-
1972	1428649	-
1973	1930273	-
1974	3167658	3
1975	5166142	99
1976	6467215	59
1977	4740900	55
1978	4144385	74
1979	3064697	196
1980	2898140	207
1981	2701141	170
1982	2182302	187
1983	2018605	239
1984	2184446	247
1985	1864380	213
1986	1792167	323
1987	1663284	188
1988	1854830	209
1989	2017823	268
1990(P)	1777253	222

NOTE : P - PROVISIONAL.

SOURCE : NATIONAL MALARIA ERADICATION PROGRAMME, DELHI

TABLE NO. 10.04 : KALA-AZAR SITUATION IN THE STATES/U.Ts DURING 1987 TO 1990

Sl. No.	States/ Uts.	1987		1988		1989(PROV)		1990(PROV)	
		C	D	C	D	C	D	C	D
1	2	3	4	5	6	7	8	9	10
1.	Andhra Pradesh	0	0	0	0	0	0	0	0
2.	Arunachal Pradesh	0	0	0	0	0	0	0	0
3.	Assam	5	2	4*	0	3	0	2+	0
4.	Bihar	19179	77	19639	123	30903	477	54650	589
5.	Goa	0	0	0	0	0	0	0	0
6.	Gujarat	0	0	0	0	0	0	0	0
7.	Haryana	0	0	0	0	0	0	0	0
8.	Himachal Pradesh	0	0	0	0	0	0	0	0
9.	Jammu & Kashmir	0	0	0	0	0	0	0	0
10.	Karnataka	0	0	0	0	0	0	1+	0
11.	Kerala	0	0	0	0	0	0	0	0
12.	Madhya Pradesh	0	0	0	0	0	0	0	0
13.	Maharashtra	0	0	9*	0	4*	0	7+	0
14.	Manipur	0	0	0	0	0	0	0	0
15.	Meghalaya	1(s)	0	0	0	0	0	0	0
16.	Mizoram	0	0	0	0	0	0	0	0
17.	Nagaland	N.R.	N.R.	0	0	0	0	0	0
18.	Orissa	0	0	0	0	0	0	0	0
19.	Punjab	0	0	0	0	0	0	0	0
20.	Rajasthan	0	0	0	0	0	0	0	0
21.	Sikkim	0	0	0	0	0	0	0	0
22.	Tamilnadu	1*	0	0	0	0	0	0	0
23.	Tripura	0	0	0	0	4*	0	10+	0
24.	Uttar Pradesh	51	5	19	6	2	0	8	1
25.	West Bengal	4447	10	3068	2	3573	20	3037	16
26.	A & N Islands	0	0	0	0	0	0	0	0
27.	Chandigarh	0	0	0	0	0	0	0	0
28.	D & N Haveli	0	0	0	0	0	0	0	0
29.	Daman & Diu	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	0	0
30.	Delhi	1*	0	0	0	0	0	0	0
31.	Lakshadweep	0	0	0	0	0	0	27+	0
32.	Pondicherry	0	0	0	0	0	0	0	0
TOTAL		23685	94	22739	131	34489	497	57742	606

NOTE : 1. N.R. = NOT RECEIVED 2. \* = IMPORTED FROM BIHAR 3. + = UNDER INVESTIGATION  
4.(s) = SUSPECTED CASES

TABLE NO. 10.05 : REPORTED CASES AND DEATHS DUE TO JAPANESE ENCEPHALITIS IN  
STATES/U.Ts IN INDIA DURING 1987 TO 1990

Sl. NO.	States/ Uts.	1987		1988		1989		1990(PROV)	
		C	D	C	D	C	D	C	D
1.	Andhra Pradesh	58	27	135	50	3	2	667	293
2.	Arunachal Pradesh	0	0	0	0	0	0	0	0
3.	Assam	239	123	102	56	1310**	453**	281	116
4.	Bihar	600	176	201	53	212	76	220	72
5.	Goa	27	6	18	2	7	0	16	2
6.	Gujarat	0	0	0	0	0	0	0	0
7.	Haryana	0	0	0	0	0	0	294	205
8.	Himachal Pradesh	0	0	0	0	0	0	0	0
9.	Jammu & Kashmir	0	0	0	0	0	0	0	0
10.	Karnataka	132 *	43 *	81	27	49	18	130	43
11.	Kerala	0	0	0	0	0	0	0	0
12.	Madhya Pradesh	0	0	0	0	0	0	0	0
13.	Maharashtra	0	0	0	0	1	1	0	0
14.	Manipur	36	0	8	0	13	3	33	8
15.	Meghalaya	0	0	0	0	0	0	0	0
16.	Mizoram	0	0	0	0	0	0	0	0
17.	Nagaland	1 @	0	0	0	0	0	0	0
18.	Orissa	0	0	0	0	254	102	0	0
19.	Punjab	0	0	0	0	0	0	0	0
20.	Rajasthan	0	0	0	0	0	0	0	0
21.	Sikkim	0	0	0	0	0	0	0	0
22.	Tamil Nadu	581	296	247	122	321	194	243	170
23.	Tripura	0	0	0	0	0	0	0	0
24.	Uttar Pradesh	172	76	4485	1413	1574	548	183\$	73\$
25.	West Bengal	1669	599	1590	681	2745	1025	849	309
26.	A & N Islands	0	0	0	0	0	0	0	0
27.	Chandigarh	0	0	0	0	0	0	0	0
28.	D & N Haveli	0	0	0	0	0	0	0	0
29.	Daman & Diu	0	0	0	0	0	0	0	0
30.	Delhi	0	0	0	0	0	0	0	0
31.	Lakshadweep	0	0	0	0	0	0	0	0
32.	Pondicherry	0	0	0	0	0	0	0	0
TOTAL		3515	1346	6867	2404	6489	2422	2916	1291

Note: 1.C = Cases, D = Deaths, N.R. = Not Received

2.\* = Includes 116 cases, 31 deaths for 1986 and 12 cases, 2 deaths for 1987 of Andhra Pradesh and admitted in Karnataka Hospitals.

3.\*\* = Include 7 cases, 4 deaths for 1989 of Arunachal Pradesh admitted in Assam

4. @ = Reported by School of Tropical Medicine, Calcutta.

5. \$ = Includes 8 cases, 2 deaths for Nepal and 58 cases, 10 deaths from Bihar admitted in U.P.



TABLE NO. 10.06 : REPORTED CASES AND DEATHS DUE TO MENINGITIS IN STATES/ U.Ts  
IN INDIA DURING 1987 TO 1990

SL. States/ NO. Uts.	1987		1988		1989		1990	
	C	D	C	D	C	D	C	D
1.Andhra Pradesh*	0	0	1476	98	1313	80	1516	75
2.Arunachal Pradesh*	0	0	0	0	0	0	0	0
3.Assam*	5	1	6	0	0	0	0	0
4.Bihar	456	74	328	34	1014	42	47	9
5.Goa*	0	0	0	0	0	0	1	0
6.Gujarat	165	24	1501	368	2329	524	1421	358
7.Haryana*	14	1	14	0	6	1	8	1
8.Himachal Pradesh*	35	4	52	11	72	8	33	6
9.Jammu & Kashmir*	6	2	83	1	192	3	27	2
10.Karnataka*	11	1	128	12	0	0	0	0
11.Kerala*	55	2	134	23	325	7	166	8
12.Madhy Pradesh*	N.R.	N.R.	1290a	149	4402a	481	2891a	353a
13.Maharashtra	4427	664	3226	611	3090	674	2171	460
14.Manipur*	0	0	19	0	0	0	0	0
15.Meghalaya*	23	5	0	0	1	0	0	0
16.Mizoram*	7	4	61	42	9	7	0	0
17.Nagaland*	43	13	302	20	18	0	10	0
18.Orissa*	521	153	2046	489	4249	414	1547	112
19.Punjab*	69	2	46	15	17	3	39	6
20.Rajasthan*	122	19	216	14	585a	75	1090	149
21.Sikkim*	5	1	0	0	0	0	3	0
22.Tamil Nadu*	0	0	0	0	19	3	140	10
23.Tripura*	22	2	20	2	15	4	56	2
24.Uttar Pradesh*	29	7	170	32	4	0	4	1
25.West Bengal*	N.R.	N.R.	3086	883	N.R.	N.R.	N.R.	N.R.
26.A & N Islands*	0	0	0	0	0	0	0	0
27.Chandigarh*	4	0	0	0	0	0	0	0
28.D & N Haveli*	0	0	0	0	11	2	0	0
29.Daman & Diu	0	0	0	0	N.R.	N.R.	0	0
30.Delhi	3061	617	2630	501	1946	326	2546	534
31.Lakshadweep*	0	0	0	0	2	0	0	0
32.Pondicherry*	0	0	0	0	0	0	0	0
Total	9080	1596	16834	3304	19619	2654	13716	2086

Note : 1. C= Case, D = Deaths, N.R. = Not Received  
2. Data is provisional and not comparable due to ill defined coverage  
3. \* Meningococcal Meningitis.  
4. a Brain Fever

TABLE NO. 10.07 : REPORTED CASES AND DEATHS DUE TO KAYASANUR FOREST  
DISEASES FROM KARNATAKA STATE DURING 1987-90

TALUK	TALUK WISE									
	1986		1987		1988		1989		1990(PROV)	
	C	D	C	D	C	D	C	D	C	D
I. DISTT. CHIKMAGLUR										
1. KOPPA	0	0	0	0	0	0	0	0	0	0
II. DISTT. DAKSHIN KANNADA										
1. BELTHANGADI	0	0	19	0	0	0	0	0	0	0
2. KUNDAPUR	0	0	0	0	0	0	130	1	0	0
III. DISTT. SHIMOGA										
1. HOSANAGAR	19	0	17	0	147	0	184	1	71	0
2. SAGAR	1	0	46	0	7	0	0	0	0	0
3. SORAB	0	0	19	0	9	0	0	0	0	0
4. SORAL	0	0	0	0	0	0	0	0	0	0
5. THIRTHALLY	669	7	8	0	99	0	1000	5	1010	12
6. SIMOGA	0	0	0	0	0	0	0	0	18	1
IV. DISTT. UTTAR KANNADA										
1. BHETKAL	6	1	16	4	21	2	76	6	5	1
2. HONNAVAR	85	6	102	6	39	4	160	9	166	17
3. KUMTA	0	0	0	0	0	0	0	0	11	0
4. YELLAPUR	0	0	1	0	0	0	0	0	0	0
5. ANKOLA	0	0	0	0	0	0	0	0	1	0
TOTAL	780	14	228	10	322	6	1550	22	1282	31

NOTE : 1. C = CASES D = DEATHS

SOURCE : WEEKLY REPORTS OF KYSANUR FOREST DISEASE RECEIVED FROM THE DIRECTOR  
OF HEALTH & F.W. SERVICES , KARNATAKA , BANGALORE.

TABLE NO. 10.08 : STATE WISE POSITIVE CASES OF MALARIA DURING 1987-90

Sl. No.	Name of the state/ U.Ts. and other	1987		1988		1989		1990	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1	2	3	4	5	6	7	8	9	10
1.	Andhra Pradesh	53010	1	62535	1	82510	2	81366	5
2.	Arunachal Pradesh	16959	0	19254	2	20865	0	12370	1
3.	Assam	63858	14	56296	4	62274	6	60282	16
4.	Bihar	32749	11	29278	4	40001	13	27227	2
5.	Goa	4814	0	6732	0	4495	0	4832	1
6.	Gujarat	274593	4	460683	67	598653	60	488541	26
7.	Haryana	18926	0	9237	0	23711	0	50452	0
8.	Himachal Pradesh	22460	0	10209	0	8589	0	14379	0
9.	Jammu & Kashmir	11540	0	4430	0	3068	0	5473	0
10.	Karnataka	88505	0	127008	8	106683	0	56980	0
11.	Kerala	3772	1	5147	1	6126	1	6411	1
12.	Madhya Pradesh	303033	13	306882	8	252886	16	195147	3
13.	Maharashtra	60557	2	84030	5	122314	8	109806	6
14.	Manipur	1084	0	1076	2	957	2	90	0
15.	Meghalaya	10975	1	11863	0	10701	0	7037	0
16.	Mizoram	15356	28	20339	16	18517	17	13823	0
17.	Nagaland	5000	0	3744	0	3051	0	1603	8
18.	Orissa	237810	90	206068	82	260815	118	277092	78
19.	Punjab	86604	0	33342	0	32146	2	29141	0
20.	Rajasthan	65523	0	104109	2	112316	1	85864	66
21.	Sikkim	24	0	23	0	30	0	17	0
22.	TamilNadu	55523	0	75953	0	90478	0	117428	0
23.	Tripura	8107	5	6178	1	5991	5	5079	4
24.	Uttar Pradesh	126181	0	135096	0	101815	0	98927	0
25.	West Bengal	46029	17	36318	5	18822	16	19423	4
26.	Andaman & Nicobar Islands	3271	1	3360	1	2655	1	2391	0
27.	Chandigarh	19349	0	14157	0	15405	0	26813	0
28.	Dadra & Nagar Haveli	5625	0	5845	0	4741	0	5015	0
29.	Daman & Diu	384	0	779	0	784	0	801	0
30.	Delhi	14112	0	14423	0	5775	0	12044	0
31.	Lakshadweep	3	0	1	0	4	0	6	0
32.	Pondicherry	220	0	309	0	541	0	389	0
33.	Coalfields	283	0	126	0	104	0	97	1
34.	DMK Project	7045	0	\$	0	\$	0	0	0
All India		1663284	188	1854830	209	2017823	268	1777248	222

Note :- \$ = Information included in M.P. & Orissa.

Source :- National Malaria Eradication Programme, Delhi.



TABLE NO. 10.09 : NATIONAL LEPROSY ERADICATION PROGRAMME  
ACHIEVEMENT OF PHYSICAL COMPONENTS TILL  
MARCH , 1990

SL. NO.	STATES/ U.Ts.	LCU/ MLU	ULC	SET	THW	RSU	DLO	LTC	LR PU	SS AU
1	2	3	4	5	6	7	8	9	10	11
1.	Andhra Pradesh	94	93	164	53	14	31	7	1	3
2.	Assam	9	17	250	5	1	6	1	0	1
3.	Arunachal Pradesh	2	0	31	1	0	0	0	0	0
4.	Bihar	85	70	1044	29	7	21	3	3	4
5.	Goa	1	2	31	1	1	1	0	0	0
6.	Gujarat	21	23	369	9	3	7	1	0	2
7.	Haryana	0	3	2	0	0	0	0	0	1
8.	Himachal Pradesh	6	1	15	1	1	5	0	0	1
9.	Jammu & Kashmir	8	2	37	2	0	0	0	0	0
10.	Karnataka	41	52	673	22	6	20	5	2	3
11.	Kerala	16	45	254	5	2	7	1	1	3
12.	Madhya Pradesh	47	71	530	14	2	21	2	1	5
13.	Maharashtra	42	281	970	23	11	24	7	2	1
14.	Manipur	4	1	17	1	1	4	0	1	0
15.	Meghalaya	2	1	16	2	0	0	0	0	0
16.	Mizoram	2	1	7	1	0	2	0	0	1
17.	Nagaland	2	2	30	2	1	3	0	0	0
18.	Orissa	55	18	140	11	2	10	2	1	1
19.	Punjab	2	18	0	1	1	1	0	0	1
20.	Rajasthan	5	6	8	4	0	4	0	0	0
21.	Sikkim	2	6	13	1	0	1	0	0	0
22.	Tamil Nadu	102	83	24	52	9	20	6	1	5
23.	Tripura	3	4	20	1	1	1	0	0	1
24.	Uttar Pradesh	94	66	1023	17	6	37	5	0	1
25.	West Bengal	73	73	395	30	4	15	5	0	4
26.	A & N Islands	0	3	10	1	0	1	0	0	1
27.	Chandigarh	0	0	0	0	0	0	0	0	0
28.	D & N Haveli	0	0	0	0	0	0	0	0	0
29.	Daman & Diu	0	0	0	0	0	0	0	0	0
30.	Delhi	0	3	0	1	0	0	0	0	0
31.	Lakshadweep	0	0	0	0	0	0	0	0	0
32.	Pondicherry	1	3	24	1	2	2	0	0	0
TOTAL		719	948	6097	291	75	244	45	13	39

(FIGURES ARE PROVISIONAL)

NOTE:-

- L.C.U. - LEPROSY CONTROL UNIT
- U.L.C. - URBAN LEPROSY CENTRE
- S.E.T. - SURVEY EDUCATION AND TREATMENT CENTRES
- T.H.W. - TEMPORARY HOSPITALISATION WARD
- R.S.U. - RECONSTRUCTIVE SURGERY UNIT
- D.L.O. - DISTRICT LEPROSY OFFICER
- L.T.C. - LEPROSY TRAINING CENTRE
- L.R.P.U. - LEPROSY REHABILITATION PROMOTION UNIT
- S.S.A.U. - SAMPLE SURVEY CUM ASSESSMENT UNIT
- M.L.U. - MODIFIED LEPROSY CONTROL UNIT



TABLE NO. 10.10 : POPULATION AT RISK - CASES ESTIMATED, DETECTED, TREATED AND DISCHARGED  
UNDER NATIONAL LEPROSY ERADICATION PROGRAMME 1990-91

SL. NO.	STATES/UTS.	PREVALENCE RATE PER 1000		ESTIMATED NO. OF CASES (1981 CEN)	TOTAL NO. OF CASES RECORDED AT THE END OF MAR.'90	NEW CASES DETECTED DURING 1990-91	NO. OF CASES DIS-CHARGED DURING 1990-91	BALANCE OF CASES ON RECORD AT THE END OF MARCH, 91	TOTAL NO. OF CASES UNDER TREATMENT AT THE END OF MAR.'91	ADDITIONAL CASES BROUGHT UNDER TRE-ATMENT - 1990-91	BALANCE OF CASES UNDER TREATMENT AS ON MARCH, 91
		ESTI-MATED 1981	RECORDED MARCH 1991	SUS IN LAKHS							
1.	2	3	4	5	6	7	8	9	10	11	12
1.	ANDHRA PRADESH	11.72	4.00	6.28	269791	85795	141351	214235	269791	85795	214235
2.	ARUNACHAL PRADESH	1.59	1.72	0.01	1249	109	57	1301	1249	109	1301
3.	ASSAM	0.75	0.78	0.15	18304	1647	1185	18766	17984	1647	18446
4.	BIHAR	5.43	5.51	3.80	466537	26107	29934	462710	423219	25404	418689
5.	GOA	4.59	1.95	0.05	1677	505	937	1245	1677	505	1245
6.	GUJARAT	2.93	0.61	1.00	28576	9721	13396	24901	28560	9700	24864
7.	HARYANA	0.07	0.08	0.01	1344	263	325	1282	1344	263	1282
8.	HIMACHAL PRADESH	1.64	0.77	0.07	4318	169	530	3957	4318	169	3957
9.	JAMMU & KASHMIR	0.83	1.96	0.05	6344	265	253	6356	5444	265	5456
10.	KARNATAKA	5.98	1.88	2.22	95879	19786	76195	39470	95879	19786	39470
11.	KERALA	2.95	2.15	0.75	68560	7318	10061	65817	57431	6174	53544
12.	MADHYA PRADESH	2.30	2.55	1.20	168821	26520	35491	159850	133569	26520	124598
13.	MAHARASHTRA	6.37	2.21	4.00	195246	89696	118323	166619	195246	89696	166619
14.	MANIPUR	4.23	0.80	0.06	1377	124	136	1365	1377	124	1365
15.	MEGHALAYA	4.55	0.87	0.06	1401	39	46	1394	1401	39	1394
16.	MIZORAM	2.04	0.34	0.01	383	42	224	201	375	42	193
17.	NAGALAND	6.49	2.17	0.05	2007	34	11	2030	2007	34	2030
18.	ORISSA	12.14	4.93	3.20	178497	47326	68202	157621	177842	47326	156966
19.	PUNJAB	1.19	0.16	0.20	3477	550	736	3291	3177	550	2991
20.	RAJASTHAN	0.29	0.38	0.10	17184	1006	2641	15549	15596	1006	13961

( CONT. ON NEXT PAGE )

TABLE NO. 10.10 : (CONT.)

1	2	3	4	5	6	7	8	9	10	11	12
21.	SIKKIM	5.00	0.58	0.02	330	20	125	225	330	20	225
22.	TAMIL NADU	15.14	3.56	7.33	361653	94794	249331	207116	361653	90575	202897
23.	TRIPURA	4.88	1.09	0.10	2942	355	591	2706	2942	355	2706
24.	UTTAR PRADESH	3.79	2.71	4.20	352637	50963	42032	361568	309408	49563	316939
25.	WEST BENGAL	7.88	2.14	4.30	287898	9159	180041	117016	266523	9159	95641
26.	A & N ISLANDS	5.26	5.90	0.01	1237	165	55	1347	1237	165	1347
27.	CHANDIGARH	0	1.73	0.00	797	146	7	936	771	114	878
28.	D & N HAVELI	1.00	3.19	0.01	342	105	64	383	327	105	368
29.	DAMAN & DIU	0	1.95	0.00	199	22	29	192	199	22	192
30.	DELHI	0.16	0.57	0.01	3985	383	136	4232	3707	374	3945
31.	LAKSHADWEEP	25.00	3.93	0.01	183	54	48	189	183	54	189
32.	PONDICHERY	31.66	2.72	0.19	3145	473	1655	1963	3145	473	1963
TOTAL		5.7	2.50	39.437	2546320	473661	974148	2045833	2387911	466133	1879896

TABLE NO. 10.11 : NATIONAL TUBERCULOSIS CONTROL PROGRAMME - TREATMENT  
FACILITIES AVAILABLE FOR TREATMENT OF TB PATIENTS  
AS ON 31-12-1990

SL. NO.	STATE/ U.Ts.	No. of Distt.	T.B. Demonstr ation Centres	Distt. T.B. Centres	Total No of other T.B. Clinics	Number of T.B.beds
1	2	3	4	5	6	7
<b>STATES</b>						
1.	Andhra Pradesh	23	1	23	26	2559
2.	Arunachal Pradesh	11	0	5	0	182
3.	Assam	18	0	11	9	869
4.	Bihar	39	2	30	27	1969
5.	Goa	1	0	1	5	260
6.	Gujarat	19	1	19	4	3563
7.	Haryana	12	0	11	4	410
8.	Himachal Pradesh	12	0	10	12	743
9.	Jammu & Kashmir	14	1	10	4	655
10.	Karnataka	20	1	20	6	3545
11.	Kerala	14	1	10	9	2283
12.	Madhya Pradesh	45	1	45	4	1985
13.	Maharashtra	30	1	28	19	8207
14.	Manipur	8	0	3	0	145
15.	Meghalaya	5	0	2	0	254
16.	Mizoram	3	0	2	1	95
17.	Nagaland	7	0	2	1	100
18.	Orissa	13	1	13	4	901
19.	Punjab	12	1	11	4	921
20.	Rajasthan	27	1	26	2	2018
21.	Sikkim	4	0	1	3	100
22.	Tamil Nadu	21	1	16	40	3630
23.	Tripura	3	0	3	0	60
24.	Uttar Pradesh	56	1	56	20	3437
25.	West Bengal	17	1	16	117	6131
<b>UNION TERRITORIES</b>						
26.	A & N Islands	2	0	1	0	67
27.	Chandigarh	1	0	1	0	10
28.	D & N Haveli	1	0	0	1	0
29.	Daman & Diu	2	0	0	2	10
30.	Delhi	1	1	1	13	1697
31.	Lakshadweep	1	0	0	0	0
32.	Pondicherry	1	0	1	3	178
<b>Total</b>		<b>443</b>	<b>16</b>	<b>378</b>	<b>338</b>	<b>46984</b>



**TABLE NO. 10.12 : TOTAL STD CASES SEEN AND TREATED IN STD CLINICS  
DURING 1986 TO 1990**

Sl. No	Name of States/ Union Territory	1986	1987	1988	1989	1990(PROV)
1	2	3	4	5	6	7
<b>STATES</b>						
1.	Andhra Pradesh	75548	77328	79038	83121	86316
2.	Arunachal pradesh	0	0	0	0	0
3.	Assam	1036	1215	2149	2327	2812
4.	Bihar	34587	35867	36341	36793	18423
5.	Goa Daman & Diu	1884	2013	2217	2419	3014
6.	Gujarat	124813	125521	125832	127344	98362
7.	Haryana	807	1021	2441	2973	5306
8.	Himachal Pradesh	2530	2743	3230	3460	3907
9.	Jammu & Kashmir	34854	35112	36021	36422	16282
10.	Karnataka	72285	74493	75572	79631	87114
11.	Kerala	19483	20517	21347	24278	26201
12.	Madhya Pradesh	18541	19221	21124	29387	31479
13.	Maharashtra	423794	425387	425631	426107	227822
14.	Manipur	1181	1832	2243	2607	3012
15.	Meghalaya	3094	3987	4224	4313	4518
16.	Mizoram	3932	2457	2762	2792	2532
17.	Nagaland	506	861	1012	2118	1981
18.	Orissa	94439	96343	96844	98567	91643
19.	Punjab	2743	3418	4213	6517	2321
20.	Rajasthan	14914	16521	17126	21219	26508
21.	Sikkim	0	0	0	0	0
22.	Tamil Nadu	223746	226820	227328	229473	243871
23.	Tripura	3173	3211	3707	3812	4012
24.	Uttar Pradesh	26705	28753	29229	31503	36037
25.	West Bengal	26773	31324	32421	34127	43491
26.	Association for Social Health in India	23781	23983	24857	25746	26612
<b>UNION TERRITORIES</b>						
1.	A & N Islands	0	0	0	0	0
2.	Chandigarh	246	312	418	397	237
3.	D & N Haveli	0	0	0	0	0
4.	Delhi	31647	33216	34414	36972	38315
5.	Lakshadweep	0	0	0	0	0
6.	Pondicherry	8780	9143	9342	9413	9612
<b>Total</b>		<b>1275822</b>	<b>1302619</b>	<b>1321083</b>	<b>1363838</b>	<b>1141740</b>

Note : + = Not available



TABLE NO. 10.13 : NO. OF PATIENTS TREATED DUE TO VARIOUS STD DISEASES DURING 1990

Sl. No.	States/UTs.	Syph- ilis	Gonorr- hoea	Chancr- oid	L.G.V	G .V.
1	2	3	4	5	6	7
STATES						
1.	Andhra Pradesh	8743	6219	8132	3641	2908
2.	Arunachal Pradesh	NR	NR	NR	NR	NR
3.	Assam	57	87	412	59	36
4.	Bihar	1643	621	436	148	107
5.	Goa	537	486	481	152	46
6.	Gujarat	4031	1816	571	54	43
7.	Haryana	843	322	136	5	23
8.	Himachal Pradesh	681	203	57	6	12
9.	Jammu & Kashmir	1306	213	72	12	17
10.	Karnataka	10014	3412	2997	1637	1523
11.	Kerala	3001	1562	1112	216	129
12.	Madhya Pradesh	726	512	314	53	62
13.	Maharashtra	32231	38868	57989	4219	5044
14.	Manipur	23	63	216	15	7
15.	Meghalaya	423	396	237	19	13
16.	Mizoram	391	133	524	48	43
17.	Nagaland	39	28	19	0	0
18.	Orissa	6626	2987	1452	336	67
19.	Punjab	6	31	39	13	5
20.	Rajasthan	783	521	438	166	187
21.	Sikkim	0	0	0	0	0
22.	Tamil Nadu	22308	8856	9873	4203	4218
23.	Tripura	287	152	97	6	7
24.	Uttar Pradesh	5683	1537	1328	243	87
25.	West Bengal	5361	2242	1416	166	149
26.	Association for Social health in India	1013	282	66	17	9
UNION TERRITORIES						
1.	A & N Islands	0	0	0	0	0
2.	Chandigarh	21	27	44	9	13
3.	D & N Haveli	0	0	0	0	0
4.	Delhi	728	536	576	152	143
5.	Lakshadweep	0	0	0	0	0
6.	Pondicherry	1218	712	1343	443	392
Total		108723	72833	90377	16038	15290

NOTE : LGV = Lympho Granuloma Venereum  
GV = Granuloma Venereum

TABLE NO. 10.14 : POPULATION PROTECTED UNDER NATIONAL FILARIA  
CONTROL PROGRAMME AND THE SET UP AS ON  
31 - 12 - 1990

SL. NO.	STATE/ U.T.	POPULATION PROTECTED (IN MILLIONS)	SET UP AS ON 31-12-1990			
			FILARIA CONTROL UNITS	H.Q. BUREAU	SURVEY UNITS	FILARIA CLINIC
1	2	3	4	5	6	7
1.	ANDHRA PRADESH	2.80	29	1	2	4
2.	ASSAM	0.32	1	0	1	0
3.	BIHAR	7.27	35	1	2	38
4.	GOA	0.27	4	1	0	6
5.	GUJARAT	2.28	8	1	0	4
6.	KARNATAKA	0.84	6	1	1	16
7.	KERALA	3.51	16	1	2	9
8.	MADHYA PRADESH	0.62	9	1	3	8
9.	MAHARASHTRA	8.30	15	1	6	10
10.	ORISSA	2.09	15	1	2	15
11.	TAMIL NADU	7.79	21	1	1	42
12.	UTTAR PRADESH	4.71	29	1	2	34
13.	WEST BENGAL	1.24	10	1	4	3
14.	A & N ISLANDS	0.08	1	0	1	1
15.	DAMAN & DIU	0.01	2	0	0	2
16.	LAKSHADWEEP	0.05	1	0	0	0
17.	PONDICHERRY	0.42	2	0	0	0
TOTAL		42.60	204	12	27	192

SOURCE : NATIONAL MALARIA ERADICATION PROGRAMME DELHI.

TABLE NO. 10.15 : STATE WISE ESTIMATED POPULATION EXPOSED TO THE  
RISK OF FILARIASIS, MICROFILARIA CARRIERS AND CHRONIC  
FILARIA CASES AS IN 1990

( IN MILLIONS )

SL. NO.	STATE/ U.T.	POPULATION EXPOSED TO RISK			MICRO- FILARIA CARRIERS	DISEASED PERSONS
		TOTAL	RURAL	URBAN		
1	2	3	4	5	6	7
1.	ANDHRA PRADESH	48.55	36.75	11.80	3.68	1.37
2.	ASSAM	9.42	8.46	0.96	0.36	0.09
3.	BIHAR	57.70	49.60	8.10	4.02	5.52
4.	GOA	1.27	0.85	0.42	0.01	0
5.	GUJARAT	16.60	10.00	6.60	1.02	0.13
6.	KARNATAKA	10.70	8.18	2.52	0.70	0.08
7.	KERALA	30.52	24.78	5.74	2.32	2.28
8.	MADHYA PRADESH	21.36	17.38	3.98	0.62	0.08
9.	MAHARASHTRA	16.85	2.01*	14.84	0.86	0.16
10.	ORISSA	24.56	21.77	2.79	2.23	1.40
11.	TAMIL NADU	35.02	23.48	11.54	2.28	1.21
12.	UTTAR PRADESH	88.85	75.10	13.75	6.51	7.00
13.	WEST BENGAL	18.20	1.12	17.08**	0.80	0.03
14.	A & N ISLANDS	0.21	0.16	0.05	0.01	0
15.	DADRA & NAGAR HAVELI	0.13	0.12	0.01	0.01	0
16.	DAMAN & DIU	0.07	0	0.07	0	0
17.	LAKSHADWEEP	0.59	0.44	0.15	0.01	0
18.	PONDICHERRY	0.70	0.34	0.36	0.03	0.01
TOTAL		381.30	280.54	100.76	25.47	19.36

NOTE : 1. \* VERY SMALL RURAL AREAS SURVEYED

2. \*\* ONLY URBAN AREAS SURVED

SOURCE : NATINAL MALARIA ERADICATION PROGRAMME , DELHI.

TABLE NO. 10.16 : NATIONAL PROGRAMME FOR CONTROL OF BLINDNESS  
 TARGETS AND ACHIEVEMENTS DURING 7TH FIVE YEAR PLAN  
 (1985-86; 86-87; 87-88; 88-89 & 89-90) AND ANNUAL PLAN 1990-91

SL. NO.	SERVICES	7TH PLAN (1985-90) TARGETS	SEVENTH					FIVE 1989-90	YEAR 1986-87	1987-88	1988-89	1989-90	T	A	ANNUAL PLAN 1990-91	
			TARGETS													ACHIEVEMENTS
			1985-86	1986-87	1987-88	1988-89	1989-90									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1.	MOBILE UNITS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.	PRIMARY HEALTH CENTRES	2200	1000	400	300	300	200	1000	400	300	300	200	250	250	250	
3.	DISTRICT HOSPITALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	MEDICAL COLLEGES	2	2	0	2	0	0	0	0	0	0	0	0	0	0	
5.	REGIONAL INSTITUTES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6.	TRG. SCHOOLS FOR OPHTHALMIC ASSISTANTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7.	DISTT. MOBILE UNITS	130	0	60	30	30	10	0	60	30	30	10	56	56	56	
8.	STATE OPHTHALMIC CELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9.	EYE BANKS	96	0	24+2*	24+3*	24+3*	24+3*	0	24+2*	24+3*	24+3*	24+3*	8+3*	8+3*	8+3*	
10.	CENTRAL INSTRUMENT WORKSHOP	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
11.	CATARACT OPERATION PERFORMED	NA	13.84	13.83	12.25	12.25	13.08	12.09	11.76	11.93	11.80	11.47	12.84	11.90**		
(IN LAKHS)																

(IN LAKHS)

NOTE : 1. \* IN VOLUNTARY SECTOR  
 2. \*\* PROVISIONAL  
 3. N.A. NOT AVAILABLE  
 4. T TARGETS  
 A ACHIEVEMENTS

02338  
 ES100



TABLE NO. 10.17 : NATIONAL GOITRE CONTROL PROGRAMME PREVALENCE  
RATE OF GOITRE ACCORDING TO SURVEY CONDUCTED  
IN AREAS DURING 1981 - 90

YEAR	AREAS SURVEYED (PREVALENCE RATE IN %)
1	2
1981	SURGUJA(41.8) IN MADHYA PRADESH AND MANDI(34.5) IN HIMACHAL PRADESH.
1982	ROPAR(45.8) IN PUNJAB AND ARUNACHAL PRADESH(26.80).
1983	VALSAD(36.59) IN GUJARAT, BARAMULLAH(8.46) IN JAMMU & KASHMIR, AMRAVATI(46.16) & WARDHA(44.92) IN MAHARASHTRA.
1984	ERNAKULAM(44.47) IN KERALA & BULDHANA(49.53) IN MAHARASHTRA, PAURI GARHWAL(29.69) IN UTTAR PRADESH.
1985	SATARA(29.29) IN MAHARASHTRA, BILASPUR(32.5) IN M.P.
1986	MANIPUR(25.90), MEERUT(24.90) IN U.P., BARODA(16.83) IN GUJARAT & CHICKMAGLUR(41.11) IN KARNATAKA, GOA(27.51).
1987	KOTA(13.07) IN RAJASTHAN, GHAZIABAD(10.93) IN U.P. , DADRA&NAGAR HAVELI(22.72) & SUNDERGARH(30.32) IN ORISSA
1988	AGRA(14.65), ALMORA(21.90), MUZAFFARNAGAR(31.58), RAE BARELLI(18.43), SAHARANPUR(45.66) & SULTANPUR(30.50) DISTRICT OF UTTAR PRADESH , DAMAN & DIU(12.24).
1989	JABALPUR(16.1), CHHATARPUR(25.1), DAMOH(19.3), SAGAR(19.2) & TIKAMGARH(16.7) IN M.P. , PURI(19.3) IN ORISSA , UDAIPUR(10.91) IN RAJASTHAN, DEORIA(31.20), GONDA(26.66) ALMORA(21.9), BASTI(18.68), GORAKHPUR(19.10), AZAMGARH(31.48) FAIZABAD(11.80), JAUNPUR(20.16) LUCKNOW(5.6), VARANASI(25.04) & BARABANKEE(4.84) IN UTTAR PRADESH.
1990	BIKANER(22.8) IN RAJASTHAN, TRICHURAPALLI(32.9) IN TAMIL NADU AND THANE(28.3) IN MAHARASHTRA.

NOTE : FIGURES IN BRACKET INDICATE PREVALENCE RATE.

TABLE NO. 10.18 : NUMBER OF CANCER PATIENTS TREATED IN SPECIALISED CANCER HOSPITALS  
DURING 1989 AND 1990

Sl. No.	States/UTs.	No of Hospitals	1989						1990			
			Total No. of Beds	Admis- sions	Dis- char- ges	Deaths	Number of Hos- pitals Reported (P)	Total No. of Beds	Admis- sions	Dis- char- ges	Deaths	Number of Hos- pitals Reported
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Andhra Pradesh	1	250	2796	2652	134	1	250	NR	NR	NR	-
2.	Assam	1	100	577	562	23	1	84	656	584	28	1
3.	Bihar	1	56	297	287	11	1	56	NR	NR	NR	-
4.	Gujarat	1	58	883	860	23	1	58	NR	NR	NR	-
5.	Himachal Pradesh	1	25	217	215	2	1	35	192	-	-	1
6.	Karnataka	2	369	6729	6407	332	2	369	7000	6782	242	2
7.	Kerala	1	190	2356	2055	301	1	200	2532	2208	324	1
8.	Madhya Pradesh	5	299	5574	5372	224	5	299	6636	6300	281	5
9.	Maharashtra	2	400	11776	11460	361	2	403	12073	11663	404	2
10.	Orissa	1	130	1851	1786	66	1	130	1627	1556	70	1
11.	Tamil Nadu	4	814	10590	10289	290	4	814	12308	11914	407	4
12.	Tripura	1	50	378	344	18	1	50	520	500	23	1
13.	Uttar Pradesh	1	106	1114	1062	47	1	106	1038	961	61	1
14.	West Bengal	3	359	91	85	6	1	359	100	89	11	1
TOTAL			25	3206	4579	1838	23	3245	44682	42557	1851	20

NOTE:- - = nil information  
NR = Information not received.

TABLE NO. 10.19 : NUMBER OF CANCER PATIENTS TREATED IN SPECIALISED CANCER HOSPITALS ACCORDING TO VARIOUS CANCER CAUSES AS PER ICD (IX REVISION 1975) DURING 1990

SL. NO.	STATES/ UTS.	MALI- GNANT NEO- PLASM	MALI- GNANT NEO- PLASM	MALI- GNANT NEO- PLASM	MALI- GNANT NEO- PLASM	MALI- GNANT NEO- PLASM	MALI- GNANT NEO- PLASM	MALI- GNANT NEO- PLASM	MALI- GNANT NEO- PLASM	MALI- GNANT NEO- PLASM	BENIGN NEO- PLASM	CARCI- NOMA IN SITU	OTHER & UN- SPECI- FIED NEO- PLASM	GRAND TOTAL
1	2	(140- 149)	(150- 159)	(160- 165)	(170- 175)	(179- 189)	(190- 199)	(200- 208)	(210- 229)	(230- 234)	(235- 239)			
1	ANDHRA PRADESH	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
2	ASSAM	245	145	50	49	74	57	28	0	00	0	0	0	656
3	BIHAR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
4	GUJARAT	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
5	HIMACHAL PRADESH	5	12	26	21	106	5	17	0	0	0	0	0	192
6	KARNATAKA	890	1079	310	840	1945	283	829	394	66	364	7000		
7	KERALA	536	510	340	217	395	160	169	81	69	55	2532		
8	MADHYA PRADESH	1170	1125	821	750	1866	306	530	41	1	26	6636		
9	MAHARASHTRA	2337	1626	813	1814	2582	914	1711	116	0	160	12073		
10	ORISSA	375	235	161	185	402	61	123	51	7	25	1627		
11	TAMIL NADU	1973	1523	710	1313	2667	928	1922	632	33	607	12308		
12	TRIPURA	156	83	84	35	100	13	49	0	0	0	520		
13	UTTAR PRADESH	226	131	112	120	315	68	66	0	0	0	1038		
14	WEST BENGAL	21	11	7	26	24	3	8	0	0	0	100		
	TOTAL	7929	6468	3443	5370	10476	2798	5452	1315	176	1238	44682		

TABLE NO. 10.20 : NUMBER OF PATIENTS OF MENTAL DISORDERS TREATED IN SPECIALISED MENTAL HOSPITALS DURING 1989 AND 1990

Sl. No.	States/UTs.	Number of Mental Hospitals	1989										1990		
			Total No. of Beds	Admission	Discharged	Deaths	No. of Hosp. reported	Total No. of Beds	Admission	Discharged	Deaths	No. of Hosp. Reported			
1	2	3	4	5	6	7	8	9	10	11	12	13			
	1. Andhra Pradesh	2	900	1326	1349	12	1	900	4177	3646	22	2			
	2. Assam	1	750	1394	1305	63	1	750	1428	1404	81	1			
	3. Bihar	3	2473	6340	6357	143	2	2473	6307	6290	129	2			
	4. Goa	1	272	2029	2020	6	1	272	2161	2161	7	1			
	5. Gujarat	6	943	509	522	17	4	943	452	435	24	4			
	6. Jammu & Kashmir	2	180	766	784	1	1	180	781	776	2	1			
	7. Karnataka	2	1180	4457	4795	28	2	1180	4536	4727	18	2			
	8. Kerala	3	1344	8628	8549	54	3	1344	5255	5187	20	2			
	9. Madhya Pradesh	2	350	694	701	18	2	355	580	563	14	2			
	10. Maharashtra	5	5930	10171	11932	351	5	5990	11523	11842	321	5			
	11. Nagaland	1	25	34	34	1	1	25	78	67	5	1			
	12. Orissa	1	60	1169	1158	7	1	60	1156	1152	1	1			
	13. Punjab	1	811	285	286	73	1	811	234	240	31	1			
	14. Rajasthan	2	410	5121	4999	13	2	410	3616	3513	17	1			
	15. Tamil Nadu	1	1800	4434	4293	110	1	1800	4639	4469	111	1			
	16. Uttar Pradesh	4	1499	1716	1510	41	4	1499	2089	2074	47	4			
	17. West Bengal	7	1066	318	303	10	1	1416	940	816	26	2			
	18. Delhi	1	578	NR	NR	NR	NR	578	NR	NR	NR	NR			
	Total	45	20571	49391	50897	948	32	20571	49952	49362	876	33			

NOTE: N.R.- INFORMATION NOT RECEIVED.



TABLE NO. 10.21 : NUMBER OF PATIENTS OF MENTAL DISORDER TREATED IN SPECIALISED MENTAL HOSPITALS ACCORDING TO VARIOUS CAUSES AS PER I.C.D.-IX DURING 1990

Sl. NO.	STATES/ UTs.	I.C.D CODES NUMBER AND DISEASE														GRAND TOTAL (290-319)
		PSYCOSES (290-299)			NEUROSES (300-316)			MENTAL RETARDED (317-319)								
		M	F	T	M	F	T	M	F	T	M	F	T			
1	2	3	4	5	6	7	8	9	10	11	12	13	14			
1.	Andhra Pradesh	2561	1162	3723	277	68	345	84	25	109	2922	1255	4177			
2.	Assam	1068	323	1391	21	8	29	4	4	8	1093	335	1428			
3.	Bihar	4812	1213	6025	234	18	252	25	5	30	5071	1236	6307			
4.	Goa	753	597	1350	563	242	805	4	2	6	1320	841	2161			
5.	Gujarat	324	110	434	2	1	3	12	3	15	338	114	452			
6.	Jammu & Kashmir	441	273	714	39	24	63	3	1	4	483	298	781			
7.	Karnataka	2790	1157	3947	406	84	490	67	32	99	3263	1273	4536			
8.	Kerala	3713	1227	4940	164	99	263	32	20	52	3909	1346	5255			
9.	Madhya Pradesh	383	99	482	64	15	79	15	4	19	462	118	580			
10.	Maharashtra	6996	3117	10113	1120	15	1135	212	63	275	8328	3195	11523			
11.	Nagaland	48	30	78	-	-	-	-	-	-	48	30	78			
12.	Orissa	555	306	861	146	98	244	38	13	51	739	417	1156			
13.	Punjab	164	58	222	8	0	8	4	0	4	176	58	234			
14.	Rajasthan	2158	738	2896	543	177	720	0	0	0	2701	915	3616			
15.	Tamil Nadu	2297	994	3291	1119	59	1178	127	43	170	3543	1096	4639			
16.	Uttar Pradesh	1492	393	1885	170	8	178	22	4	26	1684	405	2089			
17.	West Bengal	446	255	701	153	77	230	5	4	9	604	336	940			
18.	Delhi	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR			

Note : NR = Not Received

TABLE NO. 10.22 : REPORTED CASES AND DEATHS DUE TO COMMUNICABLE  
DISEASES IN STATES/U.Ts IN INDIA DURING 1990

SI. NO.	STATES/U.Ts.	DIPHTHERIA		POLIOMYELITIS		TETANUS-NEONATAL	
		C	D	C	D	C	D
1	2	3	4	5	6	7	8
1.	ANDHRA PRADESH	1515	24	1987	23	814	61
2.	ARUNACHAL PRADESH	23	0	0	0	1	0
3.	ASSAM	231	27	45	0	265	58
4.	BIHAR (UPTO APRIL)	6	1	21	1	26	3
5.	GOA	1	0	8	0	2	1
6.	GUJARAT	537	24	212	23	348	51
7.	HARYANA	22	7	303	1	549	151
8.	HIMACHAL PRADESH	7	1	3	0	6	3
9.	JAMMU & KASHMIR	3	0	28	0	2	0
10.	KARNATAKA	460	7	204	8	393	54
11.	KERALA	66	4	68	1	41	8
12.	MADHYA PRADESH	289	6	482	17	1764	174
13.	MAHARASHTRA	219	11	413	11	259	65
14.	MANIPUR	0	0	0	0	0	0
15.	MEGHALAYA	1	0	6	0	6	2
16.	MIZORAM	0	0	4	0	0	0
17.	NAGALAND (UPTO MAY)	46	0	12	0	84	0
18.	ORISSA	228	30	502	10	993	153
19.	PUNJAB	22	0	138	2	290	47
20.	RAJASTHAN	271	26	2265	7	384	40
21.	SIKKIM	1	1	2	1	1	1
22.	TAMIL NADU	22	1	730	4	102	25
23.	TRIPURA	10	0	0	0	10	1
24.	UTTAR PRADESH	700	57	592	23	1734	365
25.	WEST BENGAL	3405	157	607	1	651	316
26.	A & N ISLANDS	0	0	3	0	9	2
27.	CHANDIGARH	4	0	13	0	19	2
28.	D & N HAVELI	0	0	5	0	1	0
29.	DAMAN & DIU	0	0	0	0	0	0
30.	DELHI	336	101	1749	106	2008	158
31.	LAKSHADWEEP	0	0	0	0	0	0
32.	PONDICHERRY	0	0	10	1	0	0
TOTAL		8425	485	10412	240	10762	1741

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TABLE NO. 10.22 (CONT.)

SI. STATES/U.Ts. NO.		TETANUS OTHERS		WHOOPING COUGH		MEASLES	
		C	D	C	D	C	D
1	2	9	10	11	12	13	14
1.	ANDHRA PRADESH	1081	123	11966	17	6377	36
2.	ARUNACHAL PRADESH	0	0	1190	0	2669	0
3.	ASSAM	487	107	11028	11	11707	6
4.	BIHAR	86	4	1200	0	210	0
5.	GOA	7	0	5	0	76	0
6.	GUJARAT	344	115	1933	4	831	4
7.	HARYANA	355	60	211	0	859	1
8.	HIMACHAL PRADESH	24	6	163	0	995	1
9.	JAMMU & KASHMIR	1	0	2008	0	2261	0
10.	KARNATAKA	499	104	3906	1	2230	3
11.	KERALA	37	11	3648	3	13400	4
12.	MADHYA PRADESH	1467	137	18588	7	5470	7
13.	MAHARASHTRA	968	167	257	0	2110	3
14.	MANIPUR	36	1	1317	0	915	0
15.	MEGHALAYA	0	0	1229	0	1369	0
16.	MIZORAM	17	5	163	0	138	0
17.	NAGALAND	0	0	2014	0	761	5
18.	ORISSA	2211	316	21956	2	11378	6
19.	PUNJAB	201	21	1641	0	274	3
20.	RAJASTHAN	803	108	1022	4	799	41
21.	SIKKIM	3	0	276	0	353	1
22.	TAMIL NADU	473	54	311	0	9818	74
23.	TRIPURA	12	1	285	0	1517	0
24.	UTTAR PRADESH	1426	252	23226	8	1988	4
25.	WEST BENGAL	1443	509	2650	0	5768	38
26.	A & N ISLANDS	0	0	60	0	404	0
27.	CHANDIGARH	43	8	107	0	77	0
28.	D & N HAVELI	0	0	31	0	40	0
29.	DAMAN & DIU	0	0	3	0	0	0
30.	DELHI	559	254	600	0	2569	85
31.	LAKSHADWEEP	4	2	22	0	46	0
32.	PONDICHERRY	7	3	0	0	37	1
TOTAL		12594	2368	113016	57	87446	323

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TABLE NO. 10.22 : (CONT.)

Sl. NO.	STATES/U.Ts.	A.R.I		PNEUMONIA		ENTERIC FEVER	
		C	D	C	D	C	D
1	2	15	16	17	18	19	20
1.	ANDHRA PRADESH	864618	253	20923	105	48019	46
2.	ARUNACHAL PRADESH	42104	0	118	2	2335	0
3.	ASSAM	458971	73	30234	106	31596	35
4.	BIHAR	2827	8	82	4	1202	0
5.	GOA	12529	2	162	6	109	5
6.	GUJARAT	283693	124	8101	100	4469	7
7.	HARYANA	363959	90	15663	162	1541	43
8.	HIMACHAL PRADESH	809481	198	98296	124	8853	9
9.	JAMMU & KASHMIR	293275	13	35545	4	37341	0
10.	KARNATAKA	423803	186	4369	59	8062	15
11.	KERALA	1894788	98	8661	33	6092	9
12.	MADHYA PRADESH	549555	681	53211	162	83398	77
13.	MAHARASHTRA	276790	54	5745	253	8368	55
14.	MANIPUR	8538	6	1565	1	2474	1
15.	MEGHALAYA	45472	7	868	16	2141	1
16.	MIZORAM	11689	8	1225	17	180	1
17.	NAGALAND	1756	0	90 <sup>+</sup>	0	208	0
18.	ORISSA	1404775	271	42060	496	49236	85
19.	PUNJAB	191733	16	2189	32	2847	3
20.	RAJASTHAN	170469	127	29363	120	5231	42
21.	SIKKIM	10432	10	2330	14	83	0
22.	TAMIL NADU	163400	157	7359	17	11500	34
23.	TRIPURA	43622	35	1028	17	1081	0
24.	UTTAR PRADESH	279793	132	30854	260	27349	35
25.	WEST BENGAL	7736	208	+	+	16723	58
26.	A & N ISLANDS	45138	12	93	15	146	2
27.	CHANDIGARH	60884	19	1374	27	1673	2
28.	D & N HAVELI	13717	0	162	5	31	0
29.	DAMAN & DIU	55	0	0	0	31	0
30.	DELHI	179636	179	31451	896	6879	79
31.	LAKSHADWEEP	5306	1	77	0	75	0
32.	PONDICHERRY	8559	12	867	0	1590	1
TOTAL		8929103	2980	434065	3053	370863	645

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NOTE: ARI - ACUTE RESPIRATORY INFACTION  
 + - INCLUDED IN ARI



TABLE NO. 10.22 : (CONT.)

Sl. NO.	STATES/U.Ts.	VIRAL HEPATITIS		RABIES		SYPHILIS	
		C	D	C	D	C	D
1	2	21	22	23	24	25	26
1.	ANDHRA PRADESH	15433	120	680	91	20465	3
2.	ARUNACHAL PRADESH	859	1	0	0	166	0
3.	ASSAM	19234	86	588	7	404	0
4.	BIHAR	125	11	29	2	47	0
5.	GOA	148	0	1	1	0	0
6.	GUJARAT	4402	169	68	17	406	1
7.	HARYANA	1581	13	7	0	40	0
8.	HIMACHAL PRADESH	1233	10	2	0	144	0
9.	JAMMU & KASHMIR	1519	0	62	0	2892	0
10.	KARNATAKA	2441	89	1345	40	7439	2
11.	KERALA	9010	16	469	33	480	0
12.	MADHYA PRADESH	21698	132	131	16	3029	0
13.	MAHARASHTRA	10750	510	96	80	3066	0
14.	MANIPUR	1102	0	124	0	47	0
15.	MEGHALAYA	774	4	63	0	41	0
16.	MIZORAM	637	7	6	0	35	0
17.	NAGALAND	120	0	29	0	88	0
18.	ORISSA	17301	217	95	12	3446	0
19.	PUNJAB	1306	4	0	0	53	0
20.	RAJASTHAN	2166	83	825	5	270	0
21.	SIKKIM	485	2	526	0	2	0
22.	TAMIL NADU	232	3	255	18	2271	0
23.	TRIPURA	813	0	2	0	41	0
24.	UTTAR PRADESH	252	7	88	0	567	0
25.	WEST BENGAL	4266	144	337	337	1636	0
26.	A & N ISLANDS	393	11	0	0	13	0
27.	CHANDIGARH	625	9	9	0	0	0
28.	D & N HAVELI	32	1	0	0	15	0
29.	DAMAN & DIU	100	0	0	0	2	0
30.	DELHI	3640	144	177	18	895	1
31.	LAKSHADWEEP	473	0	0	0	0	0
32.	PONDICHERRY	1381	4	11	11	53	0
TOTAL		124531	1793	6015	688	48051	7

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TABLE NO. 10.22 : (CONT.)

Sl. NO.	STATES/U.Ts.	GONOCOCCAL INFECTION		TUBERCULOSIS	
		C	D	C	D
1	2	27	28	29	30
1.	ANDHRA PRADESH	59939	20	216192	1250
2.	ARUNACHAL PRADESH	135	0	1594	13
3.	ASSAM	858	0	28437	148
4.	BIHAR	11	0	464	3
5.	GOA	0	0	7619	35
6.	GUJARAT	254	0	41290	617
7.	HARYANA	46	0	64870	401
8.	HIMACHAL PRADESH	71	0	17548	245
9.	JAMMU & KASHMIR	1492	0	5491	2
10.	KARNATAKA	8085	6	79459	821
11.	KERALA	2017	0	49288	236
12.	MADHYA PRADESH	4555	11	94034	325
13.	MAHARASHTRA	1986	0	79363	905
14.	MANIPUR	99	0	1615	8
15.	MEGHALAYA	324	0	1331	14
16.	MIZORAM	33	0	845	10
17.	NAGALAND	99	0	460	5
18.	ORISSA	4542	1	63279	521
19.	PUNJAB	496	0	16279	95
20.	RAJASTHAN	857	0	67729	330
21.	SIKKIM	1	0	3546	29
22.	TAMIL NADU	1753	36	75796	649
23.	TRIPURA	87	0	0	0
24.	UTTAR PRADESH	1552	0	68528	298
25.	WEST BENGAL	871	0	46419	268
26.	A & N ISLANDS	46	0	1006	32
27.	CHANDIGARH	1	0	1090	44
28.	D & N HAVELI	7	0	156	7
29.	DAMAN & DIU	0	0	367	4
30.	DELHI	681	2	64887	1941
31.	LAKSHADWEEP	0	0	127	0
32.	PONDICHERRY	42	0	32634	52
TOTAL		90940	76	1131743	9308

NOTE : 1. C = CASES D = DEATHS NR = NOT RECEIVED  
 2. DATA IS PROVISIONAL AND NOT COMPARABLE DUE TO ILL-DEFINED COVERAGE

TABLE NO. 10.23 : INCIDENCE OF MORBIDITY i.e. , NUMBER OF NEW  
CASES PER 1000 INSURED UNDER E.S.I. SCHEME  
DURING 1986 TO 1989

CASE GROUP NO.	DISEASES	INSURED PERSONS			
		1986	1987	1988	1989
1	2	3	4	5	6
1.	T.B. OF RESPIRATORY SYSTEM	11.1	10.9	11.8	12.7
2.	TUBERCULOSIS OF OTHER SYSTEM	5.1	4.5	4.1	4.4
3.	SYPHILIS AND ITS SEQUELAE	1.5	1.7	1.2	1.2
4.	GONOCOCCAL INFECTION	2.3	2.8	2.1	1.6
5.	DYSENTRY ALL FORMS	262.8	244.2	218.9	178.3
6.	CHOLERA, ENTERIC FEVER, OTHER INFECTIVE DISEASES ARISING THE INTESTINAL TRACT	21.8	22.0	18.1	17.2
7.	SCARLET FEVER, DIPHTHERIA, WHOOPING- COUGH, MEASLES MUMPS, CHICKENPOX	5.8	6.3	4.6	7.8
8.	TYPHUS AND OTHER RICKETTSIAL DISEASES	0.3	0.3	0.1	0.2
9.	MALARIA	23.2	23.1	22.7	20.3
10.	FILARIASIS, ANKYLOSTOMIASIS & HELMINTHS	67.6	62.8	55.1	55.1
11.	ALL OTHER DISEASES CLASSIFIED INFEC. & PARA.	43.3	42.0	41.3	41.7
12.	MALIGNANT NEOPLASMA ALL SITES	0.2	0.4	0.1	0.7
13.	BENIGN NEOPLASMA ALL SITES	0.9	1.2	0.4	2.0
14.	ALLERGIC DISORDERS	92.5	86.2	93.5	96.2
15.	DISEASES OF THYROID GLAND	1.0	1.0	0.7	3.0
16.	DIABETES MELLITUS	3.6	4.3	4.4	5.4
17.	AVITAMINOSIS & OTHER DEFICIENCY STATES	105.6	100.2	99.0	100.6
18.	ANAEMIAS	82.0	77.9	90.0	114.7
19.	PSYCHONEUROSES AND PSYCHOSES	9.6	11.3	1.5	3.4
20.	VASCULAR LESIONS C.N.S.	1.0	0.9	1.1	1.0
21.	DISEASES OF EYE	94.1	78.3	85.0	71.6
22.	DISEASES OF EAR AND MASTOID PROCESS	46.8	44.2	45.1	43.8
23.	RHEUMATIC FEVER	4.2	4.0	3.3	4.9
24.	CHRONIC RHEUMATIC HEART DISEASES	0.6	0.9	0.7	2.3
25.	ARTERIO-SCLEROTIC & DEGENERATIVE EAR DISEASES	0.6	1.0	0.8	1.5
26.	HYPERTENSIVE DISEASES	11.2	10.8	10.4	12.9

(CONT. ON NEXT PAGE )



TABLE NO.10.23 (CONTD)

1	2	3	4	5	6
27. DISEASES OF VEINS		7.9	6.5	8.8	7.9
28. ACUTE NASOPHARYNGITIS (COMMON COLD)		227.2	218.5	224.5	204.8
29. ACUTE PHARYNGITIS & TONSILLITIS		68.8	68.7	65.6	65.5
30. INFLUENZA		168.8	163.8	138.6	176.1
31. PNEUMONIA		2.8	3.3	3.9	3.2
32. BRONCHITIS		204.8	192.2	187.6	176.1
33. SILICOSIS & OCCUPATIONAL PULMONARY FIBROSIS		0.6	1.9	1.0	2.2
34. OTHER RESPIRATORY DISEASES		60.2	55.2	58.1	52.5
35. DISEASES OF STOMACH & DUODENUM		123.5	115.4	114.5	120.9
36. APPENDICITIS		1.5	2.1	1.3	2.2
37. HERNIA OF ABDOMINAL CAVITY		1.4	1.6	1.6	1.3
38. DIARRHOEA & ENTERITIS		144.4	138.8	130.9	124.2
39. DISEASES OF GALL BLADDER AND BILE DUCTS		1.5	2.7	2.4	2.0
40. OTHER DISEASES OF DIGESTIVE SYSTEM		107.3	102.2	100.4	100.9
41. NEPHRITIS & NEPHROSIS		1.2	1.9	1.6	1.4
42. DISEASES OF GENITAL ORGANS		9.0	10.5	9.2	9.9
43. DELIVERIES, COMPLICATIONS OF PREG- NANCY CHILD BIRTH & THE PUERPERIUM		14.0*	17.7*	27.5	14.8
44. BOIL ABSCESS CELLULITIS & OTHER SKIN INFECTIONS		129.4	126.7	117.9	113.4
45. OTHER DISEASES OF THE SKIN		73.4	69.3	70.0	64.3
46. ARTHRITIS & RHEUMATISM		94.6	93.3	73.6	64.0
47. DISEASES OF BONES & OTHER ORGANS OF MOVEMENTS		10.1	11.0	13.5	10.4
48. CONGENITAL MALFORMATIONS & OTHER DISEASES PECULIAR TO EARLY INFANCY		0.3	0.2	1.2	0.9
49. OTHER SPECIFIC & ILL DEFINED DISEASES		192.1	180.2	189.5	178.4
50. ACCIDENTS, POISONING & VIOLENCE		181.7	169.1	159.8	140.3
51. OTHER MISCELLANEOUS GROUPS		4.1	3.0	3.4	4.2
TOTAL NUMBER OF NEW CASES		2717.1	2583.1	2522.2	2379.7

NOTE : \* PER 1000 INSURED WOMEN EMPLOYEES.

SOURCE : E. S. I. CORPORATION.



TABLE NO. 10.24 : NATIONAL AIDS CONTROL PROGRAMME - AIDS CASES  
DETECTED IN INDIA UPTO 30TH JUNE, 1991

Sero-Surveillance report:

Total number of samples screened	950699
Number of ELISA +ves (Wellcozyme)	8591
Number confirmed by Western Blot	5588

AIDS cases in India	Males	Females	Total
Indians	43	12	55
Foreigners	10	3	13
Total	53	15	68

Probable source of infection in Indians:

	India	Abroad
Heterosexual Promiscuity	20	14
Blood transfusion	7	2
Blood products infusion	1	1
Homosexual contact	0	1
Spouse of an AIDS patient/sero +ve person	2	0
Inter-Venous drug addict	7	0
Total	37	18

CONTD. ON NEXT PAGE

TABLE NO.10.24 CONTD : LIST OF SURVEILLANCE CENTRES AND REFERRAL  
CENTRES FOR AIDS IN INDIA

STATE/ U.T.	NAME OF SURVEILLANCE CENTRES/REFERRAL CENTRES
	<u>A. NAME OF SURVEILLANCE CENTRES</u>
ANDHRA PRADESH	1. ANDHRA MEDICAL COLLEGE , VISHAKHAPATNAM. 2. INSTITUTE OF PREVENTIVE MEDICINE , HYDERABAD. 3. OSMANIA MEDICAL COLLEGE , HYDERABAD. 4. S.V. MEDICAL COLLEGE , TIRUPATI.
BIHAR	1. RAJENDRA MEMORIAL RESEARCH INSTITUTE , PATNA.
GOA	1. GOA MEDICAL COLLEGE , GOA.
GUJARAT	1. B.J. MEDICAL COLLEGE , AHMEDABAD.
HARYANA	1. MEDICAL COLLEGE , ROHTAK.
HIMACHAL PRADESH	1. MEDICAL COLLEGE , SHIMLA.
JAMMU & KASHMIR	1. INSTITUTE OF MEDICAL SCIENCES , SRINAGAR.
KARNATAKA	1. VICTORIA HOSPITAL , BANGALORE.
KERALA	1. T.V.M. MEDICAL COLLEGE , TRIVANDRUM.
MADHYA PRADESH	1. CHOITRAM HOSPITAL , INDORE. 2. MEDICAL COLLEGE , BHOPAL. 3. MEDICAL COLLEGE , JABALPUR.
MAHARASHTRA	1. ARMED FORCES MEDICAL COLLEGE , PUNE. 2. GRANT MEDICAL COLLEGE , BOMBAY - 3. 3. INSTITUTE OF IMMUNO-HAEMATOLOGY , BOMBAY. 4. MEDICAL COLLEGE , NAGPUR. 5. NATIONAL INSTITUTE OF VIROLOGY , PUNE. 6. SETH G.S. MEDICAL COLLEGE , BOMBAY.
MANIPUR	1. REGIONAL MEDICAL COLLEGE , IMPHAL.
ORISSA	1. MEDICAL COLLEGE , CUTTACK. 2. REGIONAL MEDICAL RESEARCH CENTRE , BHUBANESHWAR.
TAMIL NADU	1. APOLLO HOSPITAL , MADRAS.

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TABLE NO. 10.24 : (CONT.)

STATE/ U.T.	NAME OF SURVEILLANCE CENTERS/REFERRAL CENTRES
	2. CHRISTIAN MEDICAL COLLEGE , VELLORE. 3. INSTITUTE OF CHILD HEALTH , MADRAS. 4. MADRAS MEDICAL COLLEGE , MADRAS. 5. MEDICAL COLLEGE , MADURAI.
UTTAR PRADESH	1. CENTRAL JALMA INSTITUTE FOR LEPROSY , AGRA. 2. INSTITUTE OF MEDICAL SCIENCES , VARANASI. 3. K.G. MEDICAL COLLEGE , LUCKNOW.
WEST BENGAL	1. NATIONAL INSTITUTE OF CHOLERA & ENTERIC DISEASES , CALCUTTA. 2. SCHOOL OF TROPICAL MEDICINE , CALCUTTA.
CHANDIGARH	1. P.G.I. , CHANDIGARH.
DELHI	1. ALL INDIA INSTITUTE OF MEDICAL SCIENCES , NEW DELHI. 2. INSTITUTE OF PATHOLOGY , NEW DELHI. 3. MAULANA AZAD MEDICAL COLLEGE , NEW DELHI. 4. NATIONAL INSTITUTE OF COMMUNICABLE DISEASES, DELHI.
PONDICHERRY	1. JAWAHARLAL INSTITUTE OF POST-GRADUATE MEDICAL EDUCATION & RESEARCH , PONDICHERRY.
	<u>B. NAME OF REFERRAL CENTRES</u>
MAHARASHTRA	1. NATIONAL INSTITUTE OF VIROLOGY , PUNE.
TAMIL NADU	1. CHRISTIAN MEDICAL COLLEGE , VELLORE.
DELHI	1. ALL INDIA INSTITUTE OF MEDICAL SCIENCES , NE 2. NATIONAL INSTITUTE OF COMMUNICABLE DISEASES , DELHI.





CHART NO-12  
GUINEAWORM CASES IN INDIA  
FROM 1984 TO 1990

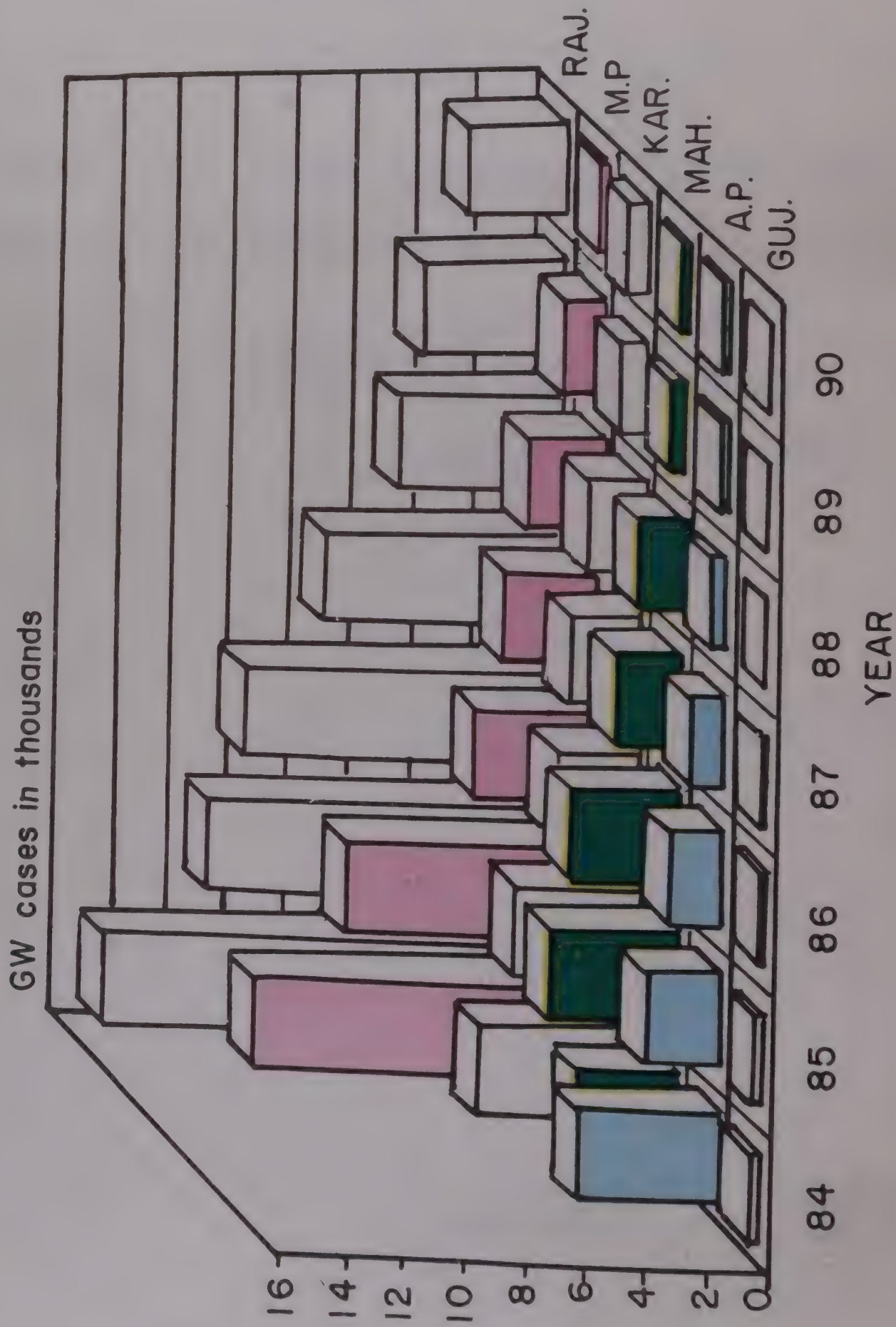


TABLE NO. 10.25 : GUINEAWORM DISEASES SITUATION IN INDIA

SL. NO.	GUINEAWORM ENDEMIC STATE	NUMBER OF GUINEAWORM CASES														
		AFFECTED VILLAGES / HAMLETS							VILLAGES / HAMLETS AND CASES							
		1984	1985	1986	1987	1988	1989	1990	1984	1985	1986	1987	1988	1989	1990	1984 - 90
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1.	ANDHRA PRADESH	1160	741	599	414	241	150	88	4461	2389	1772	1122	407	224	224	
2.	GUJARAT	444	204	140	130	81	52	15	426	322	181	164	27	6	22	
3.	KARNATAKA	991	715	662	398	356	271	249	5239	4035	2754	2405	1909	896	634	
4.	MADHYA PRADESH	3647	2855	1575	1170	867	825	485	11341	8349	4217	3285	2565	1408	333	
5.	MAHARASHTRA	1213	902	853	767	475	289	190	3115	4211	3646	2159	1496	475	209	
6.	RAJASTHAN	5376	3394	3276	2755	2285	2009	1565	15210	11644	10500	7896	5619	4872	3376	
7.	TAMIL NADU	9	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL		12840	8811	7102	5634	4278	3596	2592	39792	30950	23070	17031	12023	7881	4798	

SOURCE:- NATIONAL INSTITUTE OF COMMUNICABLE DISEASES,  
NEW DELHI.



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## **11. CAUSE OF DEATH STATISTICS**

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TABLE NO. 11.01 : TOTAL NUMBER AND PERCENTAGES OF DEATHS BY MAJOR CAUSE GROUPS IN INDIA (RURAL)  
1984 TO 1989

CODE NO.	MAJOR CAUSE GROUPS (PROMINENT SYMPTOMS)	TOTAL DEATHS												PERCENTAGES											
		1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
1	2	3	4	5	6	7	8	9	10	11	12	13	14												
1.	ACCIDENTS & INJURIES	1059	1080	1269	1311	1489	1577	6.0	6.3	7.0	6.5	6.5	6.6												
2.	CHILD-BIRTH & PREGNANCY	176	208	176	197	182	202	1.0	1.2	1.0	1.0	0.8	0.9												
3	(MATERNAL DEATHS)	1813	1608	1894	1898	1819	1593	10.3	9.3	10.4	9.4	7.9	7.4												
4.	FEVERS	1303	1305	1410	1459	1497	1406	7.4	7.6	7.7	7.2	6.5	6.6												
5.	DIGESTIVE DISORDERS																								
5.	COUGHS (DISORDERS OF RESPIRATORY SYSTEM)	3589	3581	3606	4053	4657	4321	20.3	20.8	19.7	20.0	20.3	20.2												
6.	DISORDERS OF THE CENTRAL NERVOUS SYSTEM	679	723	684	793	1059	1019	3.8	4.2	3.7	3.9	4.6	4.8												
7.	DISEASES OF CIRCULATORY SYSTEM	1695	1703	1649	1935	2304	2337	9.6	9.9	9.0	9.5	10.1	10.9												
8.	OTHER CLEAR SYMPTOMS	1380	1535	1561	1880	2020	1765	7.8	8.9	8.6	9.3	8.8	8.2												
9.	CAUSES PECULIER TO INFANCY	1948	1772	1923	2056	2256	2096	11.0	10.3	10.5	10.2	9.8	9.8												
10	SENILITY	3946	3723	4090	4659	5667	5093	22.3	21.5	22.4	23.0	24.7	23.8												
	ALL CAUSES	17680*	17238	18262	20241	22950	21409	100	100	100	100	100	100												

SOURCE: SURVEY OF CAUSES OF DEATHS(RURAL) - REGISTRAR GENERAL OF INDIA. \* FIGURE INCLUDES 92 FOR REST

TABLE NO. 11.02 : PERCENTAGE DISTRIBUTION OF DEATHS FOR SELECTED MAJOR CAUSE-GROUPS BY SEX AND AGE  
1988 AND 1989

SL. NO.	MAJOR CAUSE GROUPS	YEARS	SEX M/F	AGE GROUPS IN YEARS										TOTAL
				BELOW 1 YR										
1	2	3	4	5	6	7	8	9	10	11	12	13		
1.	ACCIDENTS & INJURIES	1988	M	3.0	5.7	12.9	20.3	20.6	11.9	8.3	17.3	100.0		
		1989	F	1.6	7.1	11.8	30.3	15.4	9.9	9.2	14.7	100.0		
2.	FEVERS	1988	M	2.1	4.1	12.0	20.8	20.3	15.3	11.2	14.2	100.0		
		1989	F	2.5	8.0	13.6	28.4	19.9	9.5	7.3	10.9	100.0		
3.	DIGESTIVE DISORDERS	1988	M	10.7	19.7	12.2	6.3	5.8	7.4	7.5	30.4	100.0		
		1989	F	9.7	24.5	12.8	6.9	6.5	5.9	8.6	25.1	100.0		
4.	COUGHS (DISORDERS OF RESPIRATORY SYSTEM)	1988	M	10.7	17.1	11.5	6.1	6.0	7.8	10.3	30.5	100.0		
		1989	F	11.6	22.2	11.5	8.9	7.6	6.5	6.8	24.8	100.0		
5.	DISORDERS OF THE CENTRAL NERVOUS SYSTEM	1988	M	5.9	17.1	12.5	6.8	6.4	8.4	11.8	31.1	100.0		
		1989	F	7.1	27.0	11.6	9.6	4.9	6.0	6.0	27.8	100.0		
6.	DISEASE OF CIRCULATORY SYSTEM	1988	M	7.1	16.1	11.1	7.6	9.9	10.4	11.5	26.2	100.0		
		1989	F	7.4	27.3	10.2	8.3	8.5	8.0	7.3	22.9	100.0		
7.	OTHER CLEAR SYMPTOMS	1988	M	11.0	7.3	2.7	3.3	5.8	7.8	12.3	49.8	100.0		
		1989	F	13.1	13.5	5.5	3.2	5.1	5.9	10.3	43.4	100.0		
8.	OTHER CLEAR SYMPTOMS	1988	M	13.4	7.3	2.9	2.7	4.5	8.4	12.9	48.0	100.0		
		1989	F	17.5	13.8	5.5	4.0	6.6	7.8	9.0	35.8	100.0		
9.	OTHER CLEAR SYMPTOMS	1988	M	7.3	5.5	7.9	3.2	4.6	3.9	8.0	59.6	100.0		
		1989	F	4.6	6.8	8.7	4.9	4.9	4.2	9.3	56.6	100.0		
10.	OTHER CLEAR SYMPTOMS	1988	M	4.1	6.6	6.6	5.9	4.0	6.0	9.0	57.9	100.0		
		1989	F	4.8	6.6	8.4	4.8	7.7	4.1	9.1	54.4	100.0		
11.	OTHER CLEAR SYMPTOMS	1988	M	4.4	4.0	2.1	3.9	6.1	10.3	15.8	53.4	100.0		
		1989	F	5.9	10.9	3.3	6.8	7.3	9.8	9.6	46.4	100.0		
12.	OTHER CLEAR SYMPTOMS	1988	M	3.5	4.3	1.4	3.6	6.5	9.5	17.0	54.2	100.0		
		1989	F	4.0	9.2	2.9	6.6	9.7	8.2	10.9	48.5	100.0		
13.	OTHER CLEAR SYMPTOMS	1988	M	6.3	8.2	6.4	6.1	7.0	11.2	13.4	41.4	100.0		
		1989	F	6.3	15.8	7.8	6.2	8.9	12.1	12.8	30.1	100.0		
14.	OTHER CLEAR SYMPTOMS	1988	M	4.5	6.5	5.8	6.2	7.5	11.0	15.2	43.4	100.0		
		1989	F	4.2	10.5	7.2	7.9	10.7	9.3	17.4	32.9	100.0		

SOURCE : REGISTRAR GENERAL OF INDIA

1988 &amp; 1989

SOURCE : REGISTRAR GENERAL OF INDIA



TABLE NO. 11.04 : PERCENTAGE DISTRIBUTION OF SPECIFIC CAUSES UNDER THE GROUP OF DISEASES  
PECULIAR TO INFANCY -- INDIA 1982-1989

SL. NO.	CAUSES	1982	1983	1984	1985	1986	1987	1988	1989
1	2	3	4	5	6	7	8	9	10
1.	PREMATURITY	37.3	43.6	45.3	41.4	41.0	43.9	45.8	48.2
2.	MALPOSITION	1.0	0.1	0	0	0	0	0	0
3.	CONGENITAL MALFORMATION	1.5	2.4	2.6	2.2	2.6	2.3	3.2	2.7
4.	BIRTH INJURY	2.1	2.5	1.9	2.2	2.5	2.0	1.4	2.9
5.	RESPIRATORY INFECTION OF NEW BORN	12.1	13.7	15.5	13.5	14.5	16.6	17.2	14.7
6.	CORD INFECTION	2.6	8.1	5.8	6.8	7.7	6.9	4.7	5.7
7.	DIAHORREA OF NEW BORN	10.4	9.5	8.9	11.3	10.2	10.0	8.6	7.3
8.	MALNUTRITION	10.3	1.8	0	0	0	0	0	0
9.	CONVULSION	7.0	0.7	0	0	0	0	0	0
10.	NOT CLASSIFIABLE	15.7	17.6	20.0	22.6	21.5	18.3	19.1	18.4
TOTAL NO. OF DEATHS		1887	1898	1948	1772	1923	2056	2256	2096

SOURCE : SURVEY OF CAUSES OF DEATH (RURAL) , REGISTRAR GENERAL OF INDIA.

TABLE NO. 11.05 : PERCENTAGE DISTRIBUTION OF DEATHS BY CAUSES RELATED TO CHILD BIRTH AND PREGNANCY (MATERNAL) 1982 - 1989

SPECIFIC CAUSES	1982	1983	1984	1985	1986	1987	1988	1989
1	2	3	4	5	6	7	8	9
ABORTION	10.1	10.7	10.8	11.5	8.0	7.6	5.0	10.9
TOXAEMIA	12.5	12.1	10.8	6.7	11.9	6.6	8.2	7.9
ANAEMIA	24.4	18.9	23.3	23.1	17.0	17.8	17.0	20.3
BLEEDING OF PREGNANCY AND PUERPERIUM	26.2	23.8	18.8	15.9	21.6	27.9	30.8	23.8
MALPOSITION OF CHILD LEADING TO DEATH OF MOTHER	7.2	8.3	6.2	7.7	6.2	10.1	8.2	10.9
PUERPERIUM SEPSIS	8.3	11.6	10.8	13.9	13.1	10.7	10.5	5.9
NOT CLASSIFIABLE SYMPTOMS	11.3	14.6	19.3	21.2	22.2	19.3	20.3	20.3
TOTAL	100	100	100	100	100	100	100	100
PERCENT OF TOTAL DEATHS	1.2	1.2	1.0	1.2	1.0	1.0	0.8	0.9

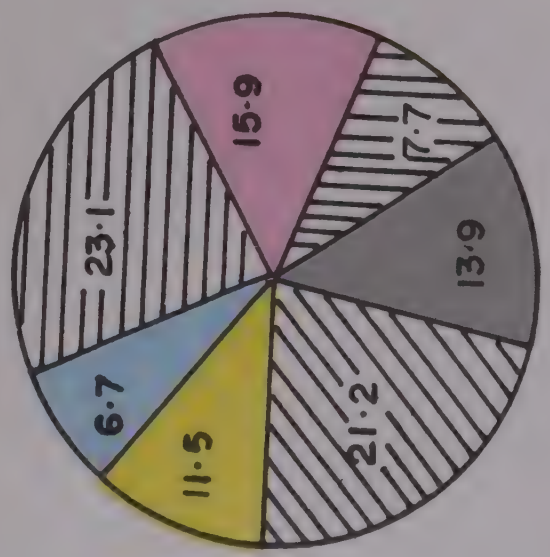
SOURCE: SURVEY OF CAUSES OF DEATHS (RURAL) -- REGISTRAR GENERAL OF INDIA.



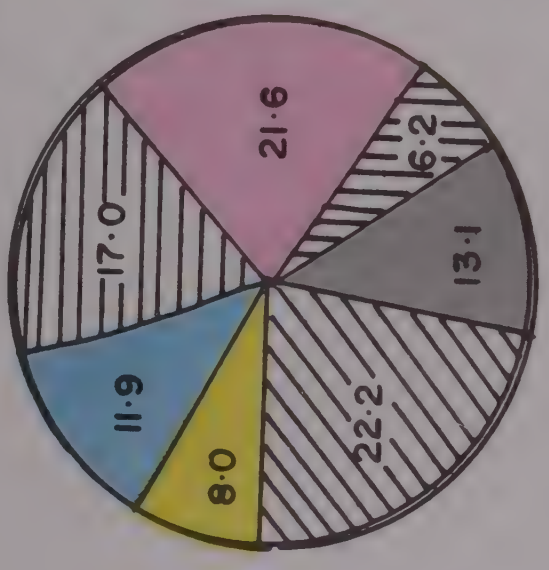




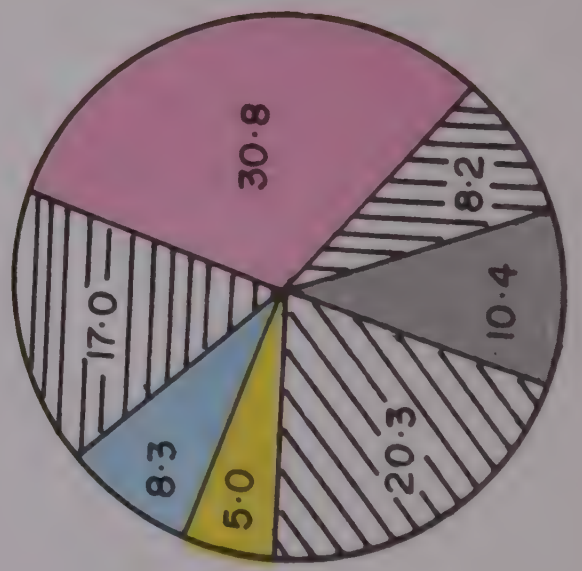
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 PERCENTAGE DISTRIBUTION OF DEATHS BY CAUSES RELATED TO CHILD BIRTH  
 AND PREGNANCY (MATERNAL) 1985-1989



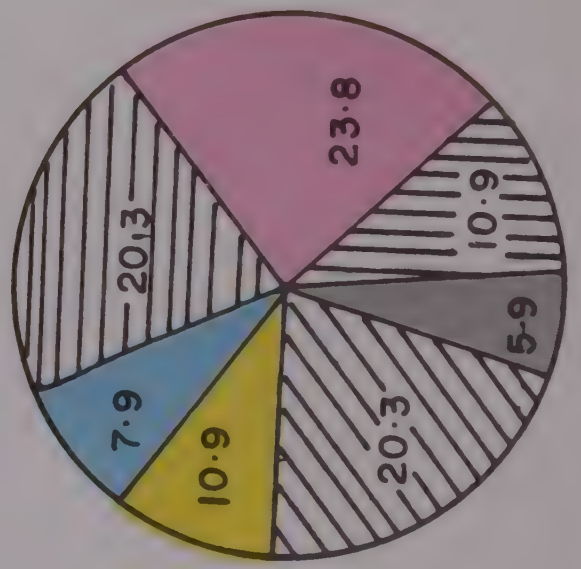
1985



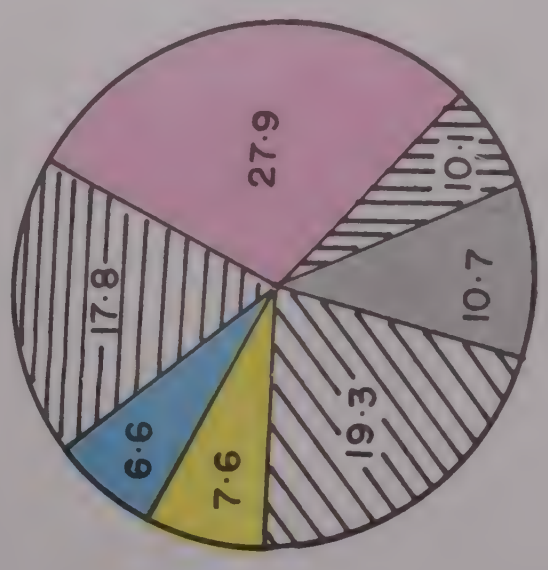
1986



1988



1989



1987

- Abortion
- Toxaemia
- Anaemia
- Bleeding of pregnancy and puerperium
- Malposition of child leading to death of mother
- Puerperium sepsis
- Other

TABLE NO. 11.06 : PERCENTAGE DISTRIBUTION OF DEATHS DUE TO CAUSES RELATED TO CHILD-BIRTH AND PREGNANCY (MATERNAL MORTALITY) IN INDIA -- 1988-89

CODE NO.	CAUSES	TOTAL		DEATHS		AGE		GROUPS		IN		YEARS	
		NO.	%	NO.	%	15 - 24	25 - 34	35 - 44					
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
		1988	1989	1988	1989	1988	1989	1988	1989	1988	1989	1988	1989
2.10	ABORTION	9	22	5.0	10.9	2	6	2.9	8.3	6	13	7.1	13.5
2.21	TOXAEMIA	15	16	8.3	7.9	4	6	5.9	8.3	7	7	8.3	7.3
2.22	ANAEMIA	31	41	17.0	20.3	10	17	14.7	23.6	13	15	15.5	15.6
2.31	BLEEDING OF PREG- NACY & PUERPERIUM	56	48	30.8	23.8	20.3	13	29.4	19.1	31	24	36.9	25.0
2.32	MALPOSITION OF CHILD LEADING TO DEATH OF MOTHER	15	22	8.2	10.9	10	9	14.7	12.5	3	11	3.6	11.5
2.33	PUERPERIAL SEPSIS	19	12	10.4	5.9	11	6	16.2	8.3	5	5	6.0	5.2
2.00	NOT CLASSIFIABLE (SPECIFY SYMPTOMS)	37	41	20.3	20.3	11	15	16.2	20.8	19	21	22.6	21.9
	ALL CAUSES	182	202	100	100	68	72	100	100	84	96	100	100

TABLE NO. 11.07 : NUMBER OF ACCIDENTAL DEATHS IN INDIA BY  
CAUSES DURING 1984 - 1988

SL. NO.	CAUSES	NUMBER OF ACCIDENTAL DEATHS DURING				
		1984	1985	1986	1987	1988
1	2	3	4	5	6	7
(A) Natural Causes						
1.	Lighting	1406	1381	1163	1363	1506
2.	Heat Strokes	503	533	458	493	653
3.	Floods	774	565	548	954	878
4.	Land Slides	506	588	616	594	549
5.	Cold and Exposure	361	361	421	316	342
6.	Cyclone	691	502	104	187	389
TOTAL (A)		4241	3930	3310	3909	4317
(B) Other Causes						
1.	By Fire Arms	1796	1860	1686	1672	1349
2.	By Explosion	438	391	362	289	351
3.	By house Collapse	1220	1341	1203	1097	1825
4.	On Roads	29375	29831	32587	33884	36119
5.	In factories	666	585	799	1021	703
6.	In Railways	12735	13307	13382	12985	13099
7.	In Air crashes	52	85	169	64	732
8.	By fire	15741	16667	18335	18574	18943
9.	By drowning	22729	21592	22410	22720	24851
10.	By poisoning	6735	8560	8631	8960	11885
11.	By animal biting/killing	4767	4867	4556	5216	4892
12.	Miscellaneous causes	34133	36641	39593	41923	45336
TOTAL (B)		130387	135727	143713	148405	160085
GRAND TOTAL (A+B)		134628	139657	147023	152314	164402

SOURCE : 1/ BUREAU OF POLICE RESEARCH AND DEVELOPMENT ,  
MINISTRY OF HOME AFFAIRS TILL 1988.  
2. NATIONAL CRIME RECORDS BUREAU FOR 1984 ONWARDS.



TABLE NO. 11.08 : MEDICAL CERTIFICATION OF CAUSES OF DEATHS - ALL INDIA UNDER THE SCHEME  
OF MEDICAL CERTIFICATION OF CAUSE OF DEATHS - 1984-86

MAJOR CAUSE GROUP	PERCENTAGE OF DEATHS					
	1984		1985		1986	
	2	3	4	5	6	7
	M	F	M	F	M	F
INFECTIOUS AND PARASITIC DISEASES	22.0	21.2	21.3	21.0	19.3	18.0
DISEASES OF THE CIRCULATORY SYSTEM	22.0	19.0	20.9	19.2	21.6	18.1
SYMPTOMS SIGNS AND ILL-DEFINED CONDITIONS	7.9	9.3	5.9	5.8	5.1	4.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD.	7.8	8.1	7.6	7.6	11.3	13.6
INJURY AND POISONING	8.6	9.1	8.2	8.0	10.0	11.1
DISEASE OF THE RESPIRATORY SYSTEM	9.5	10.3	7.8	7.8	9.1	8.5
DISEASES OF THE DIGESTIVE SYSTEM	5.9	3.4	8.7	6.3	6.5	4.6

NOTE:- FIGURES FOR 1986 RELATES TO ANDHRA PRADESH, ASSAM, HARYANA, KERALA, MADHYA-  
PRADESH, MAHARASHTRA, MANIPUR, NAGALAND, ORISSA, RAJASTHAN, TAMIL NADU, TRIPURA  
UTTAR PRADESH AND PONDICHERRY.

FIGURES FOR 1985 RELATE TO ANDHRA PRADESH, ASSAM, HARYANA, KERALA, MADHYA-  
PRADESH, MAHARASHTRA, MANIPUR, NAGALAND, ORISSA, RAJASTHAN, TRIPURA, UTTAR  
PRADESH, GOA, DAMAN & DIU, LAKSHADWEEP, KARNATAKA & PONDICHERRY.

FIGURE FOR 1984 RELATES TO ANDHRA PRADESH, KERALA, MADHYA PRADESH, MAHARASHTRA,  
MANIPUR, NAGALAND, ORISSA, RAJASTHAN, TRIPURA, GOA, DAMAN & DIU AND PONDICHERRY.



**TABLE NO. 11.09 : MEDICALLY CERTIFIED DEATHS AS PERCENTAGE TO TOTAL REGISTERED DEATHS  
(UNDER THE SCHEME OF MEDICAL CERTIFICATION OF CAUSE OF DEATH )  
1981 TO 1986**

STATE/UT	YEAR					
	1981	1982	1983	1984	1985	1986
1	2	3	4	5	6	7
<b>STATES :</b>						
1. ANDHRA PRADESH	7.82	8.72	9.58	16.19	15.55	13.35
2. ARUNACHAL PRADESH	N.R.	100.00	100.00	N.R.	N.R.	N.R.
3. ASSAM	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
4. HARYANA	8.01	9.55	10.14	N.R.	11.37	12.84
5. KARNATAKA	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
6. KERALA	N.R.	5.25	8.26	8.13	4.97	N.R.
7. MADHYA PRADESH	1.57	2.05	1.65	2.06	2.12	2.92
8. MAHARASHTRA	30.38	33.32	31.19	33.74	32.20	32.38
9. MANIPUR	71.85	71.16	66.72	67.38	73.74	67.65
10. NAGALAND	13.23	9.42	6.44	5.72	4.79	5.29
11. ORISSA	9.06	9.76	9.81	9.91	8.95	9.14
12. PUNJAB	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
13. RAJASTHAN	9.0	5.91	7.07	11.71	16.52	16.74
14. TRIPURA	N.R.	62.06	58.85	89.72	70.75	70.06
15. UTTAR PRADESH	N.R.	N.R.	N.R.	N.R.	2.14	0.95
16. TAMIL NADU	N.R.	N.R.	N.R.	N.R.	N.R.	12.86
<b>UNION TERRITORIES :</b>						
1. CHANDIGARH	N.R.	77.98	82.98	N.R.	N.R.	N.R.
2. DELHI	60.39	60.52	N.R.	N.R.	N.R.	N.R.
3. GOA, DAMAN & DIU	100.00	87.22	87.16	86.30	87.71	N.R.
4. LAKSHADWEEP	N.R.	N.R.	N.R.	N.R.	15.11	N.R.
5. PONDICHERRY	N.R.	N.R.	40.59	39.23	42.35	41.33
<b>ALL INDIA</b>	<b>13.66</b>	<b>15.72</b>	<b>14.58*</b>	<b>16.24**</b>	<b>14.30***</b>	<b>13.66#</b>
<b>MEDICALLY CERTIFIED DEATHS</b>	<b>235575</b>	<b>219626</b>	<b>207622</b>	<b>205226</b>	<b>240606</b>	<b>2469598</b>

**NOTE :** # EXCLUDE ASSAM & KERALA AS THEIR REGISTERED DEATHS WERE NOT RECEIVED.

\* EXCLUDES ASSAM AS ITS REGISTERED DEATHS WERE NOT RECEIVED.

\*\* EXCLUDES ASSAM, HARYANA, ARUNACHAL PRADESH & CHANDIGARH AS THEIR REGISTERED MEDICAL DEATHS WERE NOT RECEIVED.

\*\*\* EXCLUDES ASSAM AND KARNATAKA AS THEIR REGISTERED DEATHS WERE NOT RECEIVED.

N.R. NOT RECEIVED.

**SOURCE :** MORTALITY STATISTICS OF CAUSE OF DEATHS , 1986.

TABLE NO. 11.10 : DISTRIBUTION OF DEATHS BY AGE SEX AND MAJOR CAUSE GROUPS-ALL INDIA  
(UNDER THE SCHEME OF MEDICAL CERTIFICATION OF CAUSES OF DEATHS) - 1986

MAJOR CAUSE GROUPS	SEX	AGE IN YEARS								
		UNDER 1	1-4	5-14	15-24	25-44	45-64	65+	A.N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11
I.	MALE	5273	3115	2563	2311	7006	6993	2544	549	30354
	FEMALE	3543	2375	1921	1869	4164	2984	1347	301	18414
II.	MALE	14	72	217	307	880	3319	1704	80	6593
	FEMALE	6	58	137	205	861	2482	1187	31	4967
III.	MALE	976	688	327	123	413	1255	988	71	4836
	FEMALE	826	596	242	86	267	664	459	36	3176
IV.	MALE	240	235	325	310	659	1123	738	73	3703
	FEMALE	188	192	278	391	755	701	361	54	2920
V.	MALE	2	3	11	20	141	239	275	2	693
	FEMALE	1	4	9	16	58	154	297	1	540
VI.	MALE	1036	822	887	741	1181	979	577	165	6388
	FEMALE	534	568	657	588	863	638	504	68	4420
VII.	MALE	611	320	579	1000	4717	14817	11053	779	33876
	FEMALE	404	225	476	925	3047	6802	6165	425	18469
VIII.	MALE	3302	1187	938	712	1754	3251	2992	171	14307
	FEMALE	2077	945	705	546	1043	1620	1651	91	8678
IX.	MALE	447	372	477	669	2691	3929	1452	131	10168
	FEMALE	250	249	368	557	1344	1334	556	50	4708
X.	MALE	59	65	102	161	511	920	664	43	2525
	FEMALE	25	38	63	141	359	412	221	14	1272
XI.	MALE	0	0	0	0	0	0	0	0	0
	FEMALE	0	0	4	1367	1827	19	0	47	3264
XII.	MALE	22	18	19	16	52	62	24	4	217
	FEMALE	20	11	7	22	44	28	9	0	141
XIII.	MALE	19	4	4	10	26	31	8	1	103
	FEMALE	17	2	9	11	14	14	13	1	81
XIV.	MALE	1614	70	32	18	25	11	6	3	1779
	FEMALE	1212	50	39	10	17	7	3	1	1339
XV.	MALE	17739	0	0	0	0	0	0	0	17739
	FEMALE	13877	0	0	0	0	0	0	0	13877
XVI.	MALE	776	361	447	646	1577	1718	1958	518	8001
	FEMALE	442	253	328	583	990	766	948	355	4665
XVII.	MALE	218	483	1129	2992	6369	3289	1014	266	15760
	FEMALE	176	400	902	2525	4225	1376	683	110	11397

NOTE : 1. DATA RELATES TO ANDHRA PRADESH, ASSAM, HARYANA, KERALA, MADHYA PRADESH,  
MAHARASHTRA, MANIPUR, NAGALAND, ORISSA, RAJASTHAN, TRIPURA, UTTAR PRADESH,  
TAMIL NADU AND PONDICHERRY.

2. A.N.S. = AGE NOT SPECIFIED.

SOURCE : MORTALITY STATISTICS OF CAUSES OF DEATHS-1986 REGISTRAR GENERAL, INDIA,

MAJOR CAUSES GROUPS

- I. INFECTIOUS AND PARASITIC DISEASES.
- II. NEOPLASMS.
- III. ENDOCRINE NUTRITIONAL AND METABOLIC DISEASES AND IMMUNITY DISORDERS.
- IV. DISEASES OF BLOOD AND BLOOD FORMING ORGANS.
- V. MENTAL DISORDERS.
- VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS.
- VII. DISEASES OF THE CIRCULATORY SYSTEM.
- VIII. DISEASES OF THE RESPIRATORY SYSTEM.
- IX. DISEASES OF THE DIGESTIVE SYSTEM.
- X. DISEASES OF THE GENITO-URINARY SYSTEM.
- XI. COMPLICATIONS OF PREGNANCY, CHILD-BIRTH AND PUERPERIUM.
- XII. DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE.
- XIII. DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE.
- XIV. CONGENITAL ANOMALIES.
- XV. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD.
- XVI. SYMPTOMS SIGNS AND ILL-DEFINED CONDITIONS.
- XVII. INJURY AND POISONING (EXTERNAL CAUSE/NATURE OF INJURY).



TABLE NO.11.11 : PERCENTAGE DISTRIBUTION OF DEATHS BY SEX FOR DIFFERENT AGE GROUPS  
TO TOTAL DEATHS BY INDIVIDUAL MAJOR CAUSE GROUPS - ALL INDIA (UNDER  
THE SCHEME OF MEDICAL CERTIFICATION OF CAUSE OF DEATHS) 1986

MAJOR CAUSE GROUPS	SEX	AGE IN YEARS													TOTAL
		BELOW 1	1 - 4	5	14	15	24	25 - 34	35-44	45-54	55-64	65-69	70+	A.N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
I	MALE	17.4	10.3	8.4	7.6	10.4	12.7	14.2	8.9	3.3	5.0	1.8	100.0		
	FEMALE	19.2	12.9	10.4	10.1	11.7	10.9	9.5	6.2	2.8	4.5	1.6	100.0		
II	MALE	0.2	1.1	3.3	4.7	5.0	8.4	21.9	28.5	11.7	14.2	1.2	100.0		
	FEMALE	0.1	1.2	2.8	4.1	5.9	11.5	24.6	25.3	10.5	13.4	0.6	100.0		
III	MALE	20.1	14.2	6.8	2.5	3.1	5.5	11.1	14.9	8.2	12.2	1.5	100.0		
	FEMALE	26.0	18.8	7.6	2.6	3.4	5.0	9.0	11.9	6.0	8.4	1.1	100.0		
IV	MALE	6.5	6.3	8.8	8.4	8.5	9.3	12.1	18.3	9.9	10.0	2.0	100.0		
	FEMALE	6.4	6.6	9.5	13.4	14.7	11.2	10.8	13.2	5.8	6.6	1.8	100.0		
V	MALE	0.3	0.4	1.6	2.9	8.8	11.5	18.2	16.3	8.2	31.5	0.3	100.0		
	FEMALE	0.2	0.7	1.7	3.0	3.9	6.9	13.1	15.4	9.6	45.4	0.2	100.0		
VI	MALE	16.2	12.9	13.9	11.6	10.2	8.2	7.8	7.5	3.5	5.5	2.6	100.0		
	FEMALE	12.1	12.9	14.9	13.3	11.1	8.4	7.1	7.4	4.3	7.1	1.5	100.0		
VII	MALE	1.8	0.9	1.7	3.0	4.7	9.2	18.4	25.4	12.8	19.8	2.3	100.0		
	FEMALE	2.2	1.2	2.6	5.0	6.9	9.6	15.6	21.2	11.6	21.7	2.3	100.0		
VIII	MALE	23.1	8.3	6.6	5.0	5.1	7.2	10.2	12.5	6.7	14.2	1.2	100.0		
	FEMALE	23.9	10.9	8.1	6.3	5.0	7.0	8.0	10.7	5.7	13.3	1.0	100.0		
IX	MALE	4.4	3.7	4.7	6.6	10.6	15.9	20.6	18.1	5.9	8.3	1.3	100.0		
	FEMALE	5.3	5.3	7.8	11.8	13.9	14.7	15.9	12.4	4.5	7.3	1.1	100.0		
X	MALE	2.3	2.6	4.0	6.4	9.8	10.5	16.3	20.2	11.0	15.3	1.7	100.0		
	FEMALE	2.0	3.0	4.9	11.1	13.8	14.5	16.4	16.0	7.8	9.6	1.1	100.0		
XI	MALE												100.0		
	FEMALE	0.0	0.0	0.1	41.9	43.1	12.9	0.6	0.0	0.0	0.0	1.4	100.0		
XII	MALE	10.1	8.3	8.8	7.4	13.8	10.1	15.7	12.9	5.5	5.5	1.8	100.0		
	FEMALE	14.2	7.8	5.0	15.6	15.6	15.6	10.6	9.2	2.1	4.3	0.0	100.0		

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TABLE NO. 11.11 : (CONTD.)

MAJOR CAUSE GROUPS	SEX	AGE IN YEARS													
		BELOW 1	1 - 4	5 - 14	15 - 24	25 - 34	35-44	45-54	55-64	65-69	70+	A.N.S.	TOTAL		
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
XIII	MALE	18.4	3.9	3.9	9.7	14.6	10.7	12.6	17.5	3.9	3.9	3.9	1.0	100.0	
	FEMALE	21.0	2.5	11.1	13.6	9.9	7.4	6.2	11.1	4.9	4.9	11.1	1.2	100.0	
XIV	MALE	90.7	3.9	1.8	1.0	0.7	0.7	0.3	0.3	0.2	0.2	0.2	0.2	100.0	
	FEMALE	90.5	3.7	2.9	0.7	1.0	0.3	0.4	0.1	0.1	0.1	0.1	0.1	100.0	
XV	MALE	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
	FEMALE	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
XVI	MALE	9.7	4.5	5.6	8.1	10.3	9.4	12.0	9.5	7.7	16.8	0.0	0.0	100.0	
	FEMALE	9.5	5.4	7.0	12.5	13.4	7.8	8.9	7.6	5.3	15.0	7.6	6.5	100.0	
XVII	MALE	1.4	3.1	7.1	19.1	23.1	17.6	12.3	8.4	2.8	3.6	1.6	0.9	100.0	
	FEMALE	1.6	3.5	7.8	31.0	25.8	11.5	6.9	5.1	2.1	3.8	0.9	4.8	100.0	
XVIII	MALE	1.1	1.3	8.4	16.2	18.5	13.7	11.6	14.7	2.2	6.1	4.8	100.0	100.0	
	FEMALE	0.7	4.1	15.6	23.1	10.2	12.2	11.6	6.1	0.9	6.1	5.4	100.0	100.0	
TOTAL	MALE	20.6	5.0	5.1	6.4	8.2	9.7	13.0	13.7	6.4	10.1	1.8	100.0	100.0	
	FEMALE	23.1	5.8	6.0	10.6	10.8	8.7	9.5	9.9	5.0	9.1	1.5	100.0	100.0	

A.N.S. = AGE NOT SPECIFIED

A.N.S. = AGE NOT SPECIFIED

SOURCE : MORTALITY STATISTICS OF CAUSES OF DEATHS-1986, REG.GEN., INDIA.

## INTERNATIONAL MAJOR GROUPS

### MAJOR CAUSES GROUPS

- I. INFECTIOUS AND PARASITIC DISEASES.
- II. NEOPLASMS.
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- VII. DISEASES OF THE CIRCULATORY SYSTEM.
- VIII. DISEASES OF THE RESPIRATORY SYSTEM.
- IX. DISEASES OF THE DIGESTIVE SYSTEM.
- X. DISEASES OF THE GENITO-URINARY SYSTEM.
- XI. COMPLICATIONS OF PREGNANCY, CHILD-BIRTH AND PUERPERIUM.
- XII. DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE.
- XIII. DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE.
- XIV. CONGENITAL ANOMALIES.
- XV. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD.
- XVI. SYMPTOMS SIGNS AND ILL-DEFINED CONDITIONS.
- XVII. INJURY AND POISONING (EXTERNAL CAUSE/NATURE OF INJURY).

TABLE NO. 11.12 : PERCENTAGE DISTRIBUTION OF DEATHS BY SEX FOR DIFFERENT MAJOR CAUSE GROUPS TO TOTAL DEATHS IN EACH GROUP - ALL INDIA (UNDER THE SCHEME OF MEDICAL CERTIFICATION OF CAUSE OF DEATHS) - 1986

MAJOR CAUSE GROUPS	SEX	AGE IN YEARS													
		UNDER 1													A.N.S. TOTAL
		YEAR	1 - 4	5 - 14	15 - 24	25 - 34	35-44	45-54	55-64	65-69	70+	12	13	14	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
I	MALE	16.3	39.9	31.8	23.0	24.6	25.4	21.0	12.5	10.0	9.6	19.2	19.3		
	FEMALE	15.0	39.8	31.3	17.2	19.5	22.8	18.0	11.2	10.2	8.9	19.0	18.0		
II	MALE	0.0	0.9	2.7	3.1	2.6	3.6	7.0	8.7	7.6	5.9	2.8	4.2		
	FEMALE	0.0	1.0	2.2	1.9	2.6	6.4	12.6	12.4	10.2	7.2	2.0	4.9		
III	MALE	3.0	8.8	4.1	1.2	1.2	1.7	2.6	3.4	3.9	3.7	2.5	3.1		
	FEMALE	3.5	10.0	3.9	0.8	1.0	1.8	2.9	3.7	3.7	2.9	2.3	3.1		
IV	MALE	0.7	3.0	4.0	3.1	2.4	2.3	2.2	3.2	3.6	2.3	2.6	2.4		
	FEMALE	0.8	3.2	4.5	3.6	3.9	3.7	3.2	3.8	3.3	2.1	3.4	2.9		
V	MALE	0.0	0.0	0.1	0.2	0.5	0.5	0.6	0.5	0.6	1.4	0.1	0.4		
	FEMALE	0.0	0.1	0.1	0.1	0.2	0.4	0.7	0.8	1.0	2.6	0.1	0.5		
VI	MALE	3.2	10.5	11.0	7.4	5.1	3.5	2.4	2.2	2.2	2.2	5.8	4.1		
	FEMALE	2.3	9.5	10.7	5.4	4.4	4.2	3.2	3.2	3.8	3.4	4.3	4.3		
VII	MALE	1.9	4.1	7.2	10.0	12.5	20.5	30.4	40.0	43.1	42.1	27.3	21.6		
	FEMALE	1.7	3.8	7.7	8.5	11.6	20.0	29.6	38.5	42.2	43.2	26.8	18.0		
VIII	MALE	10.2	15.2	11.6	7.1	5.6	6.8	7.1	8.3	9.5	12.8	6.0	9.1		
	FEMALE	8.8	15.8	11.5	5.0	3.9	6.9	7.1	9.1	9.7	12.4	5.7	8.5		
IX	MALE	1.4	4.8	5.9	6.7	8.4	10.6	10.2	8.6	6.0	5.3	4.6	6.5		
	FEMALE	1.1	4.2	6.0	5.1	5.9	7.8	7.7	5.7	4.1	3.7	3.2	4.6		
X	MALE	0.2	0.2	1.3	1.6	1.9	1.7	2.0	2.4	2.7	2.4	1.5	1.6		
	FEMALE	0.1	0.6	1.0	1.3	1.6	2.1	2.1	2.0	1.9	1.3	0.9	1.2		
XI	MALE	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	FEMALE	0.0	0.0	0.1	12.6	12.8	4.7	0.2	0.0	0.0	0.0	0.0	0.0		
XII	MALE	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1		
	FEMALE	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1		
XIII	MALE	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1		
	FEMALE	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		

( CONTD. ON NEXT PAGE )

TABLE NO. 11.12 : (CONTD.)

MAJOR CAUSE GROUPS	SEX	UNDER 1 YEAR	AGE IN YEARS												
			1 - 4	5 - 14	15 - 24	25 - 34	35-44	45-54	55-64	65-69	70+	A.N.S.	TOTAL		
			3	4	5	6	7	8	9	10	11	12	13	14	
XIV	MALE	5.0	0.9	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.1	1.1		
	FEMALE	5.1	0.8	0.6	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.1	1.3		
XV	MALE	54.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3		
	FEMALE	58.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6		
XVI	MALE	2.4	4.6	5.5	6.4	6.5	4.9	4.7	3.5	6.1	8.4	18.1	5.1		
	FEMALE	1.9	4.2	5.3	5.4	5.7	4.1	4.2	3.5	4.8	7.5	22.4	4.6		
XVII	MALE	0.7	6.1	13.5	29.0	27.5	17.6	9.1	6.0	4.2	3.4	8.4	9.7		
	FEMALE	0.7	6.6	14.3	32.2	26.3	14.6	7.9	5.7	4.7	4.6	6.4	11.0		
XVIII	MALE	0.0	0.1	0.5	0.8	0.8	0.5	0.3	0.4	0.2	0.2	0.9	0.3		
	FEMALE	0.0	0.1	0.4	0.3	0.1	0.2	0.2	0.1	0.1	0.1	0.5	0.1		
TOTAL	MALE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
	FEMALE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

A.N.S. = AGE NOT SPECIFIED

SOURCE : MORTALITY STATISTICS OF CAUSES OF DEATHS - 1986, REG.GEN., INDIA.



## INTERNATIONAL MAJOR GROUPS

### MAJOR CAUSES GROUPS

- I. INFECTIOUS AND PARASITIC DISEASES.
- II. NEOPLASMS.
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- VIII. DISEASES OF THE RESPIRATORY SYSTEM.
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- X. DISEASES OF THE GENITO-URINARY SYSTEM.
- XI. COMPLICATIONS OF PREGNANCY, CHILD-BIRTH AND PUERPERIUM.
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- XVI. SYMPTOMS SIGNS AND ILL-DEFINED CONDITIONS.
- XVII. INJURY AND POISONING (EXTERNAL CAUSE/NATURE OF INJURY).

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## **12. E. P. I. PERFORMANCE**

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TABLE NO. 12.01 : IDEAL NATIONAL IMMUNIZATION SCHEDULE

FOR WHOM	WHEN (AGE)	WHAT
1	2	3
PREGNANT WOMEN	AT 4 MONTHS (16 WEEKS)	TT1
	AT 5 MONTHS (20 WEEKS)	TT2 OR BOOSTER
INFANTS (UNDER ONE)	AT BIRTH	BCG VACCINATION
	1-1/2 MONTHS (6 WEEKS)	DPT1,OPV1
	2-1/2 MONTHS (10 WEEKS)	DPT2,OPV2
	3-1/2 MONTHS (16 WEEKS)	DPT3,OPV3
	9 MONTHS	MEASLES VACCINATION
(OVER ONE)	18-24 MONTHS	DPT BOOSTER
	18-24	OPV BOOSTER
	5-6 YRS.	DT
	10 YRS.	TT

NOTE : 1. INTERVAL BETWEEN THE 1ST DPT , OPV AND 2ND SHOULD  
BE AT LEAST ONE MONTH.

2. MINOR COUGHS , COLDS AND MILD FEVER ARE NOT A  
CONTRAINDICATION TO VACCINATION.

SOURCE : U.I.P. DIVISION.



TABLE NO. 12.02 : VACCINATION PERFORMANCE OF TT(PREGNANT WOMEN),DPT,DT,  
POLIO,TYPHOID, MEASLES,BCG & TT(SCHOOL CHILDREN)  
DURING 1975-76 TO 1990-91

(Figures in Millions)

Year	(T.T. (Preg.Women))			(D.P.T.)		
	Target	Achieve- ment	Percentage Achievement	Target	Achieve- ment	Percentage Achievement
	1	2	3	4	5	6
1975-76	3.02	1.45	46.3%	5.03	2.41	47.0%
1976-77	5.00	2.14	42.0%	10.00	4.02	39.6%
1977-78	6.94	3.51	50.7%	10.90	7.81	71.6%
1978-79	5.00	3.72	74.5%	8.94	6.80	76.2%
1970-80	6.00	4.75	79.4%	12.00	6.88	57.6%
1980-81	6.84	5.28	77.3%	13.55	7.15	52.8%
1981-82	7.96	7.11	89.5%	15.97	9.23	57.9%
1982-83	9.00	7.64	84.9%	13.97	10.34	74.0%
1983-84	11.50	8.25	71.70	14.50	11.23	77.50
1984-85	13.03	9.36	71.90	14.51	12.43	85.70
1985-86	12.86	10.36	80.60	14.04	15.18	108.10
1986-87*	15.20	11.66	76.70	15.30	11.56	75.60
1987-88*	16.93	14.61	86.30	17.20	16.52	96.00
1988-89*	22.69	16.16	71.22	18.05	16.75	92.80
1989-90*	25.14	17.67	70.39	19.08	18.90	99.08
1990-91	25.27	19.75	78.16	22.34	21.93	98.19

1	D.T.			POLIO		
	8	9	10	11	12	13
	1	2	3	4	5	6
1975-76	5.73	1.28	22.0%	-	-	-
1976-77	5.00	2.72	54.2%	-	-	-
1977-78	6.96	6.54	94.0%	-	-	-
1978-79	7.93	7.21	91.1%	-	-	-
1979-80	10.00	10.84	108.7%	-	-	-
1980-81	11.37	10.23	90.1%	3.83	1.61	42.2%
1981-82	12.57	10.81	86.1%	2.40	2.93	123.8%
1982-83	12.50	10.25	82.0%	5.24	4.55	87.0%
1983-84	13.00	10.63	81.7	7.50	8.03	107.1
1984-85	13.06	11.45	87.6	12.00	9.89	82.4
1985-86	11.19	12.53	112.0	14.04	13.19	93.9
1986-87*	12.10	10.80	89.2	15.30	10.26	67.1
1987-88*	13.00	10.47	87.5	17.20	14.37	83.5
1988-89*	18.94	12.47	65.84	18.05	15.84	87.76
1989-90*	18.00	13.84	76.89	19.08	18.86	98.87
1990-91	13.88	11.37	82.00	22.34	22.08	98.86

( CONT. ON NEXT PAGE )

TABLE NO. 12.02 : (CONT.)

Year	B.C.G.			MEASLES		
	Target	Achievement	Percentage Achievement	Target	Achievement	Percentage Achievement
1	14	15	16	17	18	19
1975-76	-	-	-	-	-	-
1976-77	-	-	-	-	-	-
1978-79	-	-	-	-	-	-
1978-79	-	-	-	-	-	-
1979-80	-	-	-	-	-	-
1980-81	-	-	-	-	-	-
1981-82	-	-	-	-	-	-
1982-83	15.00	4.12	27.5	-	-	-
1983-84	15.00	4.47	29.8	-	-	-
1984-85	14.51	5.36	37.0	-	-	-
1985-86	14.04	6.62	47.3\$	-	-	-
1986-87*	15.30	11.12	72.7	5.70	3.71	67.5\$
1987-88*	17.20	16.22	94.3	11.20	9.99	89.3
1988-89*	18.05	17.38	96.29	15.77	12.40	78.3
1989-90*	19.08	20.37	106.76	19.08	15.85	83.07
1990-91	22.34	22.68	101.51	22.34	19.91	89.11

1	TYPHOID			T.T.(10 years)		
	20	21	22	23	24	25
1975-76	-	-	-	-	-	-
1976-77	-	-	-	-	-	-
1977-78	-	-	-	-	-	-
1978-79	-	-	-	-	-	-
1979-80	-	-	-	-	-	-
1980-81	9.82	1.62	16.5	-	-	-
1981-82	10.00	2.63	26.6	-	-	-
1982-83	10.00	5.02	50.8	-	-	-
1983-84	10.00	6.23	62.3	4.00	2.75	83.7\$
1984-85	11.00	7.35	66.9	5.01	3.64	72.8\$
1985-86	11.19	7.87	70.3	5.54	4.53	82.0\$
1986-87*	12.10	7.84	64.8	6.70	5.28	78.7
1987-88*	13.00	7.43	62.6	7.80	6.39	88.7
1988-89*	+	+	+	9.75	7.87	80.72
1989-90*	+	+	+	17.35	10.22	58.90
1990-91	+	+	+	12.55	15.90	60.59

Note - 1. \* Figures are provisional.

2. \$ Worked out after excluding the targets of those States/U.Ts. for which figures have not been received. Figures pertaining to DPT, Polio, BCG, Measles are pertaining to below 1 year.

3. + Not Available 4. - Nil

Source : UIP Division, Department of Family Welfare, M/O Health & F.W.

Table No.12.04(Contd.)

PRODUCTION OF D.T. VACCINE

(Fig. in lakh doses)

Name of the Institute	Installed Capacity	Actual Production for the year 1989-90	Actual Production for the year 1990-91	Proposed production for the year			
				1991-92	1992-93	1993-94	1994-95
<u>Public Sector</u>							
CRI Kasauli *	130.00	119.54	141.00	170.00	170.00	180.00	200.00
P.I.I. Coonoor	100.00	87.00	97.00	100.00	110.00	120.00	130.00
P.I. Shillong	50.00	Nil	Nil	50.00	50.00	50.00	50.00
HBPCL Bombay	60.00	52.70	54.00	60.00 **	60.00	60.00	80.00
<u>Private Sector</u>							
S.I.I. Pune	400.00	143.00	297.00	350.00	400.00	NR	NR

\* Subject to approval of plan projects already sent for inclusion in the 8th Five Year Plan.

\*\* Did not receive the DT/Ads. vaccine order 91-92 and hence the production for this product had to be with held.

Table No.12.04(Contd.)

PRODUCTION OF T.T. VACCINE

( Fig. in lakh doses )

Name of the Institute	Installed Capacity	Actual Production for the year	Proposed Production for the year				
		1989-90	1990-91	1991-92	1992-93	1993-94	1994-95
<b>Public Sector</b>							
CRI Kasauli *	240.00	229.26	149.18	270.00	300.00	330.00	350.00
HBPCL Bombay	120.00	120.00	60.00	120.00	140.00	140.00	180.00
PII Coonoor	100.00	103.00	75.00	100.00	110.00	120.00	130.00
IPM Hyderabad	NR	50.00	19.99	10.76	20.00	30.00	40.00
SVI Patwadanagar	20.00	8.73	12.90	50.00	50.00	50.00	50.00
PI Shillong	50.00	Nil	Nil	50.00	50.00	50.00	50.00
KIPM Guindy Madras	100.00	19.65	39.81	80.00	100.00	120.00	150.00
Bengal Immunity Calcutta----- Information not received -----							
<b>Private Sector</b>							
SII Pune	1500.00	1196.00	806.00	1100.00	1200.00	NR	NR
Biological Evans Hyderabad	500.00	350.00	370.00	500.00	600.00	800.00	900.00
Glaxo Bombay	52.00 lakh doses	54.90	26.40	45.60	52.80	57.60	64.80
Biovaccine, Hyderabad	1500.00	280.00	370.00	350.00	400.00	450.00	500.00

\* Subject to approval of Plan Projects already sent for inclusion in the 8th Five Year Plan.



# PRODUCTION OF B.C.G. VACCINE

( Fig. in Lakh doses)

Name of the Institute	Installed Capacity	Actual Production for the year		Proposed production for the year			
		1989-90	1990-91	1991-92	1992-93	1993-94	1994-95
B.C.G. Vaccine	240.00 (Till 1.6.91)	259.73	156.89	200.00	250.00	400.00	500.00
	308.00 (w.e.f. 2.6.92)			↓ reduced to 150.00			
	500.00 (After installation of all machines)						

Table No. 12.04(Contd.)

PRODUCTION OF ORAL POLIO VACCINE AFTER BLENDING OF IMPORTED RAW BULK

( Fig. in lakh doses )

Name of the Institute	Installed Capacity	Actual Production for the year		Proposed Production for the year			
		1989-90	1990-91	1991-92	1992-93	1993-94	1994-95
<u>Public Sector</u>							
* HBPL Bombay	420.00	431.40	296.86	380.00	420.00	420.00	420.00
----- Information not received -----							
*BIBCOL, Bulandshahar							
<u>Private Sector</u>							
* Radicura Pharma, Delhi.	2000.00	255.32	411.75	570.64	1620.00	1800.00	2000.00

\* Supplied after procuring finished product.

Table No.12.04(Contd.)

PRODUCTION OF MEASLES VACCINE

(Fig. in lakh doses)

Name of the Institute	Installed Capacity	Actual Production for the year 1989-90	1990-91	1991-92	1992-93	1993-94	1994-95
<u>Private Sector</u>							
Serum Institute, Pune.	700.00	236.30	428.90	650.00	700.00	NR	NR
IVCOL Gurgaon *	200.00	0	0	0	120.00	160.00	200.00

\* Manufacture from imported bulk or supplying the imported finished product.

# PRODUCTION OF ANTI-CHOLERA VACCINE

( Fig. in Lakh )

Name of the	Installed Capacity	Actual Production for the year	Proposed Production for the year				
			1989-90	1990-91	1991-92	1992-93	1993-94
-----							
<b>Public Sector</b>							
CRI Kasauli	NR	56.69doses	41.49doses	50.00 doses	----- Based on demand -----		
IPM Hyderabad	25.00ml.	27.51ml.	20.95ml.	25.00ml.	25.00ml.	25.00ml.	25.00ml.
PI Shillong	70.00 doses	58.35 doses	Nil	70.00 doses	70.00 doses	70.00 doses	70.00 doses
PHL Trivandrum	2.00 doses	1.00 ml.	1.00 ml.	5.00 doses	5.00 doses	5.00 doses	5.00 doses
V.I. Nagpur	25.00 doses	12.74 doses	11.90 doses	20.00 doses	20.00 doses	20.00 doses	20.00 doses
G.V.I. Namkun Ranchi	20.00 doses	12.19 ml.	13.75 ml.	20.00 ml.	-----		
KIPM Guindy Madras	60.00 doses	81.02 doses	61.77 doses	65.00 doses	-----		
PHI Bangalore	36.00 doses	19.00 doses	10.94 doses	36.00 doses	26.00 doses	36.00 doses	36.00 doses
PHI Patna	60.00 ml.	24.48 ml.	10.76 ml.	60.00ml.	60.00 ml.	60.00ml.	60.00ml.
WB Lab Calcutta	15.00 doses	3.35 ml.	1.33 ml.	10.00 doses	10.00 doses	10.00 doses	10.00 doses
----- Information not received -----							
Bengal Immunity Calcutta	5.00 ml.	4.92 ml.	4.70 ml.	----- Based on demand in Gujarat State -----			
V.I. Baroda	----- Did not mention the information for Cholera Vaccine -----						
HBPCL Bombay	33.00ml.	33.01 ml.	21.30ml.	33.00 ml.	34.00ml.	34.00ml.	34.00ml.
SHI Lucknow							



( Fig. in lakhs )

Name of the Institute	Installed Capacity	Actual Production for the year 1989-90	1990-91	1991-92	1992-93	1993-94	1994-95
<b>Public Sector</b>							
CRI Kasauli	NR						
TA Adult		18.21doses	14.56doses				
TA Children		3.07 doses	2.73 doses	12.00 doses	Based on demand	Based on demand	
HBPCL Bombay				10.00 doses	Based on demand		
----- Did not mention the information for Typhoid Vaccine -----							
PHI Bangalore	1.00 doses	0.42 doses	0.70 doses	1.00 doses	1.00 doses	1.00 doses	1.00 doses
PHL TRIVANDRUM	0.20 ml.	0.40 ml.	0.20 ml.	1 ml.	1 ml.	1 ml.	1 ml.
PI Shillong	20.00 doses	6.16 doses	Nil	20.00 doses	20.00 doses	20.00 doses	20.00 doses
KIPM Guindy Madras	1.00 doses	0.52 ml.	0.68 ml.	1.00 doses			
IPM Hyderabad	NR	NA	0.28 ml.	NR	NR	NR	NR
----- Information not received -----							
Bengal Immunity Calcutta							

Table No.12.04(Contd.)

Name of the Institute	Installed Capacity	Actual Production for the year		Proposed production for the year			
		1989-90	1990-91	1991-92	1992-93	1993-94	1994-95
C.R.I. Kasauli	NR	21,220 doses	25,587 doses	25,000 doses	-----	Based on demand -----	

Table No.12.04(Contd..)

PRODUCTION OF J.E. VACCINE

Name of the Institute	Installed Capacity	Actual Production for the year				Proposed production for the year			
		1989-90	1990-91	1991-92	1992-93	1993-94	1994-95		
C.R.I. Kasauli *	NR	14,39,945 doses	14,38,120 doses	20,00,000 doses	20,00,000	20,00,000	20,00,000		

\*

Subject to approval of our plan projects already sent for inclusion in the 8th Five Year Plan.

( Fig. in lakh ml. )

Name of the Institute	Installed Capacity	Actual Production for the year 1989-90	1990-91	Proposed Production for the year			
				1991-92	1992-93	1993-94	1994-95
KIPM Madras	35.00	20.07	28.60	35.00	40.00	45.00	50.00
CRI Kasauli	NR	62.48	59.62	60.00	----- Based on demand -----		
PI Shillong	20.00	8.87	9.26	20.00	20.00	20.00	20.00
PHL Trivandrum	25.00	18.68	18.81	25.00	25.00	30.00	30.00
SVI Patwadanagar	22.00	28.25	16.00	50.00	50.00	50.00	50.00
PII Coonoor a)	48.00	35.17	38.70	48.00	48.00	48.00	48.00
Human Tissue Culture b)	0.50	0.05	0.07	0.5	1.5	2.00	3.00
Rabies Vaccine in Vero Cell							
PHI Bangalore *	36.00	19.00	10.94	36.00	36.00	36.00	36.00
V.I. Baroda	48.00	38.35	36.32	----- Based on demand -----			
PI Calcutta	18.00	28.37	22.69	NR	24.00	30.00	36.00
V.I. Belgaum	25.00	25.93	27.53	27.00	28.00	29.00	29.00
HBPCL Bombay				-----Did not mention the information for ARV -----			
G.V.I. Namkun Ranchi				D0 -----			
I.P.M. Hyderabad	25.00	34.33	23.21	25.00	25.00	25.00	25.00
** IVCOL Gurgaon *	20.00	Nil	Nil	1.20	4.45	6.00	10.00
Hoechst India Ltd.* Rabipur	10.0	Nil	6.7	8.0	10.0	12.0	14.0

\* Figure in lakh doses.

\*\* Manufacture from imported bulk or supplying the imported finished product.





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### **13. HEALTH INSURANCE STATISTICS**

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CHART NO - 14

NO. OF DISPENSARIES AND BENEFICIARIES COVERED AS ON 31.3.90

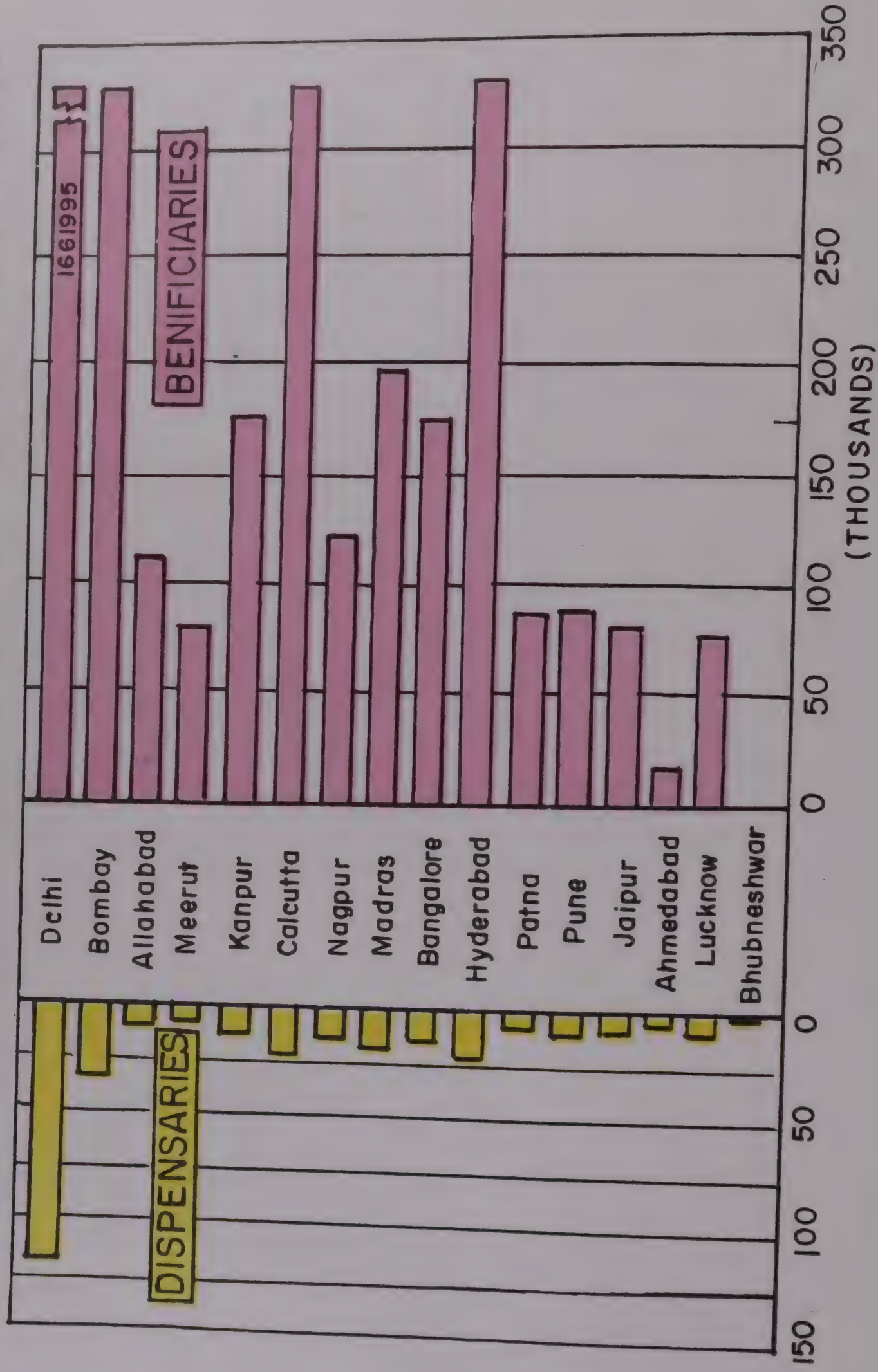


TABLE NO. 13.01: NUMBER OF C.G.H.S.DISPENSARIES IN DIFFERENT CITIES AND FAMILIES COVERED  
AS ON 31ST MARCH, 1990

NAME OF CITY	DATE OF STARTING	TYPE OF DISPENSARIES								TOTAL NO. OF DISPENSARIES	NO. OF FAMILIES COVERED	NO. OF BENEFICIARIES
		ALLOP.	AYUR.	HOMOE	UNANI	POLY CLINIC	SIDHA	YOGA				
1	2	3	4	5	6	7	8	9	10	11	12	
AHMEDABAD	APRIL 79	3	1	1	-	-	-	-	5	3708	16162	
ALLAHABAD	MAR. 69	7	1	1	-	1	-	-	10	19330	112975	
BANGALORE	FEB. 76	10	2	1	-	1	-	-	14	40902	174251	
BHUBANESHWAR*	AUG. 88	1	-	-	-	-	-	-	1	-	-	
BOMBAY	NOV. 63	28	2	3	-	2	-	-	35	81590	319404	
CALCUTTA	AUG. 72	17	1	2	1	1	-	-	22	71487	319943	
DELHI	JULY 54	83	13	13	4	2	-	3	118	383299	1661955	
HYDERABAD	FEB. 76	14**	2	2	2	2	-	-	22	55163	330978	
JAI PUR	JULY 78	5	1	1	-	1	-	-	8	17614	78942	
KANPUR	JULY 72	9	1	2	-	-	-	-	12	36586	174174	
LUCKNOW	MARCH 79	6	1	1	1	-	-	-	9	16267	76844	
MADRAS	MARCH 75	14	1	1	-	1	1	-	18	46283	197692	
MEERUT	JULY 71	6	1	1	-	-	-	-	8	13994	79548	
NAGPUR	OCT. 73	10	2	1	-	1	-	-	14	26670	121473	
PATNA	NOV. 76	5	1	1	-	-	-	-	7	18470	84435	
PUNE	JULY 78	7	1	2	-	1	-	-	11	21513	84621	
TOTAL		225	31	33	8	13	1	3	314	852876	3833397	

NOTE : 1. \* FOR A.G.'s EMPLOYEES ONLY.  
2. \*\* INCLUDES ONE SUB-DISPENSARY.

TABLE NO. 13.02 : TOTAL ATTENDANCE, RATE OF ATTENDANCE AND DAILY AVERAGE ATTENDANCE  
IN CGHS DISPENSARIES DURING 1989 - 90

CITY	NEW CASES	OLD CASES	TOTAL ATTENDANCE	RATE OF ATTENDANCE PER BENEFICIARY PER ANNUM			DAILY AVERAGE ATTENDANCE
				NEW	OLD	TOTAL	
1	2	3	4	5	6	7	8
AHMEDABAD	9965	42841	52806	0.6	2.7	3.3	177
ALLAHBAD	222246	293214	515460	2.0	2.6	4.6	1730
BANGALORE	118711	248491	367202	0.7	1.4	2.1	1232
BOMBAY	321665	931084	1252749	1.0	2.9	3.9	6327
CALCUTTA	568207	138572	706779	1.8	0.4	2.2	2372
DELHI	4108623	3056426	7165049	1.8	2.5	4.3	24044
HYDERABAD	445227	613087	1058314	1.3	1.9	3.2	3551
JAIPUR	155358	176300	331658	2.0	2.2	4.2	1113
KANPUR	224191	265293	489484	1.3	1.5	2.8	1643
LUCKNOW	171321	189991	361312	2.2	2.5	4.7	1212
MADRAS	88688	504497	593185	0.4	2.6	3.0	1990
MEERUT	167438	176150	343588	2.1	2.2	4.3	1153
NAGPUR	173935	552302	726237	1.4	4.6	6.0	2437
PATNA	245435	194981	440416	2.9	2.3	5.2	1478
PUNE	125405	377152	502557	1.5	4.4	5.9	1686
TOTAL	7155298	7751498	14906796	1.9	2.0	3.9	50023

TABLE NO. 13.03 : PERFORMANCE OF EMPLOYEES STATE INSURANCE SCHEME,  
DURING 1989-90

DESCRIPTION	AS ON	
	31-12-89	31-12-90
<b>A. PROGRESS</b>		
1.NO. OF CENTRES	568	589
2.NO. OF EMPLOYEES (IN LAKHS)	60.40	61.50
3.NO. OF INSURED PERSONS / FAMILY UNITS (IN LAKHS)	68.57	69.57
4.NO. OF BENEFICIARIES (IN LAKHS) (INCLUDING INSURED PERSONS FOR MEDICAL BENEFITS)	266.03	269.95
<b>B. PROVISIONS OF HOSPITALS, DISPENSARIES ETC.</b>		
1.HOSPITALS	108	109
2.ANNEXES	42	42
3.DISPENSARIES	1268	1327
i) FUNCTIONING IN CORPORATION BUILDING	298	301
ii) FUNCTIONING IN RENTED BUILDING	943	999
iii)MOBILE DISPENSARIES	27	27
iv) EMPLOYEES UTILISATION DISPENSARIES	25	25
4.HOSPITALS BEDS		
i) E.S.I. HOSPITALS	19518	19759
ii) E.S.I. ANNEXES	842	842
iii)RESERVED IN OTHER HOSPITALS	4511	4642
		20601

SOURCE : E.S.I. CORPORATION



TABLE NO. 13.04 : NUMBER OF DISPENSARIES AND EXPENDITURE INCURRED  
ON MEDICAL AND HEALTH FACILITIES BY THE DEPARTMENT  
OF POSTS AND DEPARTMENT OF TELECOMMUNICATIONS

Sl. No.	State/U.T.	No. of Dispensaries
1	2	3
1.	Andhra Pradesh	5
2.	Assam Circle, Guwahati	4
3.	Bihar	6
4.	Gujarat	5
5.	Haryana	1
6.	Jammu & Kashmir	1
7.	Madhya Pradesh	6
8.	Maharashtra	2
9.	NE Circle, Shillong	1
10.	Orissa	3
11.	Punjab	2
12.	Rajasthan	5
13.	Tamil Nadu	2
14.	Uttar Pradesh	11
15.	West Bengal	2
16.	Telecom Factory , Jabalpur	2
17.	Telecom factory, Bombay	1
18.	Telecom Factory, Calcutta	1
19.	Telecom Store, Calcutta	1
20.	Telecom Factory, Kharagpur	1
		62
-----CONTD. ON NEXT PAGE-----		

TABLE NO.13.04 (CONTD.)

## BUDGETARY ALLOCATION

Rs. in Crores				
Year	Plan	Non-Plan		Total
		Deptt. of Post	Deptt of Telcom	
1	2	3	4	5
1979-80(actual)	-	7.00 (combined)		7.00
1980-81(actual)	-	8.10 (combined)		8.10
1981-82(actual)	-	10.45 (combined)		10.45
1982-83(actual)	-	11.92 (combined)		11.92
1983-84(actual)	-	6.60	6.67	13.27
1984-85(actual)	-	6.06	8.65	14.71
1985-86(actual)	-	8.49	6.59	15.08
1986-87(actual)	-	11.50	5.81	17.31
1987-88(actual)	-	11.21	5.13	16.34
1988-89(actual)	-	15.49	9.20	24.69
1989-90(actual)	-	16.96	7.50	24.46
1990-91 (BE)	-	16.79	10.46	27.25
1990-91 (RE)	-	16.77	9.98	26.75
1991-92 (BE)	-	21.78	11.42	33.20

Rs 330,12 million

Source : Department of Posts.

1 crore = 10 million

TABLE NO. 13.05 : MEDICAL FACILITIES UNDER MICA MINES, IRON ORE, MANGANESE ORE AND CHROME ORE MINES AND LIMESTONE AND DOLOMITE MINES AND WELFARE OF BEEDI WORKERS SCHEME - 31-12-1990

	NUMBER	TOTAL BEDS
1. MICA MINES		
(A) CENTRAL HOSPITALS	2	130
(B) REGIONAL HOSPITALS	2	20
(C) NO. OF DISPENSARIES		
i) AYURVEDIC	10	
ii) ALLOPATHIC	5	0
iii) MOBILE MEDICAL UNITS	3	0
iv) SMALL COMMUNITY CENTRE (MEDICAL)	1	0
2. IRON ORE, MANGANESE ORE & CHROME ORE MINES		
(A) CENTRAL HOSPITALS	5	235
(B) PRIMARY HEALTH CENTRES	5	0
(C) NO. OF DISPENSARIES		
i) MOBILE	7	0
ii) STATIC	2	0
iii) STATIC CUM MOBILE	7	0
(D) MATERNITY CUM CHILD CENTRE	1	0
3. LIMESTONE AND DOLOMITE MINES		
(A) CENTRAL HOSPITALS	1	30
(B) DISPENSARIES		
i) AYURVEDIC	13	0
ii) MOBILE	11	0
iii) STATIC	3	0
iv) STATIC-CUM-MOBILE	9	0
(C) MATERNITY CUM CHILD WELFARE CENTRE	1	0
4. BEEDI WORKERS WELFARE FUND		
(A) HOSPITALS	1	10
(B) T.B. HOSPITAL	1	50
(C) CHEST CLINIC	1	0
(D) DISPENSARIES		
	154	0
(INCLUDING 7 AYURVEDIC)		

SOURCE : MINISTRY OF LABOUR (W.V)

TABLE NO. 13.06 : MEDICAL AND HEALTH FACILITIES AVAILABLE IN EACH RAILWAY ZONE DURING  
1986-87 AND 1987-88

SL. NO.	RAILWAYS	NO. OF RAILWAY HOSPITALS	NO. OF HEALTH UNITS (INCLUDING LOCKUP DISPENSARIES)	NUMBER OF BEDS	MEDICAL STAFF EMPLOYED	TOTAL NO. OF MEDICAL BENEFICIARIES (IN LAKHS)	TOTAL EXPENDITURE ON MEDICAL AND HEALTH SERVICES (IN LAKHS)						
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		86-87	87-88	86-87	87-88	86-87	87-88	86-87	87-88	86-87	87-88	86-88	87-88
1.	CENTRAL	13	14	-60	61	1545	1575	6349	6655	10.86	10.96	1357.36	1606.00
2.	EASTERN	13	13	91	91	2105	2124	7882	7882	11.25	11.36	1505.99	1843.32
3.	NORTHERN	16	16	104	104	1501	1514	8033	8081	13.51	13.82	1544.55	1534.15
4.	NORTH EASTERN	8	8	47	50	1034	1038	2810	3130	5.45	5.39	611.44	742.54
5.	NORTHEAST	10	10	48	48	1033	1048	5217	5263	4.21	4.12	815.91	936.50
	FRONTIER												
6.	SOUTHERN	12	14	67	67	1221	1278	5176	5246	8.91	8.23	1330.68	1620.15
7.	SOUTH CENTRAL	6	6	61	61	964	978	4283	4339	6.80	9.79	805.61	945.80
8.	SOUTH EASTERN	11	11	86	87	1425	1518	8050	8158	10.30	10.39	1367.60	1561.84
9.	WESTERN	16	16	89	88	1334	1349	6223	6326	10.46	10.45	1378.55	1656.27
10.	C.L.W.	1	1	6	6	170	170	745	747	1.18	1.25	169.68	160.93
11.	D.L.W.	1	1	2	2	50	52	118	118	0.40	0.42	74.03	109.62
		107	110	661	665	12382	12644	54886	55945	83	86	10961	12717



TABLE NO.13.07 : CASES AND DEATH DUE TO VARIOUS DISEASES REPORTED BY RAILWAY ZONES IN INDIA DURING -1985 TO 90

NAME OF RAILWAY ZONES	YEARS	CHOLERA		SMALL POX		PLAGUE		MALARIA		ENTERIC FEVER		TYPHOID		OTHER FEVERS	
		C	D	C	D	C	D	C	D	C	D	C	D	C	D
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1)CENTRAL RAILWAY BOMBAY	1985	0	0	0	0	0	0	662	0	3423	0	200	0	200959	35
	1986	0	0	0	0	0	0	1069	0	2960	0	228	0	207800	38
	1987	0	0	0	0	0	0	997	0	2688	0	175	0	189374	29
	1988	0	0	0	0	0	0	1949	0	1758	0	190	0	189100	52
	1989	0	0	0	0	0	0	1451	0	5283	0	299	0	211345	35
	1990	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
2)EASTERN RAILWAY CALCUTTA	1985	3	0	0	0	0	0	484	0	22360	19	1423	0	89622	31
	1986	0	0	0	0	0	0	2567	0	33840	20	931	0	65496	35
	1987	0	0	0	0	0	0	1213	0	16862	0	1208	0	86037	11
	1988	0	0	0	0	0	0	354	0	4060	0	669	0	100508	16
	1989	0	0	0	0	0	0	331	0	2488	1	403	6	85100	18
	1990	16	0	0	0	0	0	307	0	3813	0	531	0	91161	5
3)NORTHERN RAILWAY NEW DELHI	1985	0	0	0	0	0	0	9174	0	5993	4	861	0	422935	35
	1986	0	0	0	0	0	0	6236	0	7517	2	7835	0	428003	11
	1987	0	0	0	0	0	0	7357	0	5834	0	1410	1	409226	5
	1988	0	0	0	0	0	0	2383	1	7149	2	1457	1	491146	14
	1989	0	0	0	0	0	0	1209	0	7584	5	1494	0	359646	11
	1990	0	0	0	0	0	0	3263	0	6016	2	728	0	306577	8
4)NORTH-EASTERN RAILWAY GORAKHPUR	1985	0	0	0	0	0	0	188	0	889	0	280	0	180428	14
	1986	0	0	0	0	0	0	822	0	1212	0	617	0	177973	9
	1987	0	0	0	0	0	0	184	0	2105	1	356	0	166979	5
	1988	0	0	0	0	0	0	14	0	2614	0	289	0	196665	12
	1989	0	0	0	0	0	0	39	0	2643	0	77	0	182415	12
	1990	0	0	0	0	0	0	39	0	3341	0	53	0	182512	5

( CONT. ON NEXT PAGE )

TABLE NO. 13.07 : (CONT.)

NAME OF RAILWAY ZONES	YEARS	DYSENTRY & DIARRHOEA		TUBERCULOSIS		LEPROSY		INJURY ACCIDENT		DIPHTHERIA		POLIOMYLITIS		OTHER CAUSES		TOTALS	
		C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
1	2	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
1) CENTRAL RAILWAY BOMBAY	1985	250463	73	3299	113	247	0	86418	39	0	0	4	0	1130214	677	1675889	937
	1986	259026	81	3834	125	162	0	90510	30	0	0	2	0	996921	564	1562512	838
	1987	233621	45	3504	119	153	0	88798	34	472	0	459	0	1008481	613	1528722	840
	1988	186970	79	74251	84	114	0	78345	34	5	1	1	0	105584	624	1578367	874
	1989	266172	54	3907	126	139	0	75492	31	0	0	0	0	1082099	603	1646187	849
	1990	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
2) EASTERN RAILWAY CALCUTTA	1985	204845	15	3311	72	460	0	116345	21	98	3	35	0	21593	9	460579	170
	1986	219545	11	12547	72	419	0	97594	12	38	0	20	3	19180	4	452181	157
	1987	210064	2	10660	79	416	0	102649	13	24	0	47	0	9624	10	438804	115
	1988	255643	13	2549	50	429	0	113097	23	7	0	140	0	2562	5	480018	107
	1989	260043	1	2940	49	188	0	112285	19	18	0	27	0	1237	2	465060	96
	1990	302046	5	3949	36	277	0	115523	10	50	0	21	0	1269	3	518963	59
3) NORTHERN RAILWAY NEW DELHI	1985	392051	9	3563	97	28	0	213949	19	0	0	76	0	2090923	247	3139553	411
	1986	376569	4	3575	96	22	0	215709	13	99	0	71	8	1971871	248	3017507	382
	1987	364196	16	3565	78	40	0	225957	17	0	0	70	0	1013770	235	2031325	352
	1988	372314	17	12949	119	36	0	200132	15	5	0	26	1	1090636	279	2188491	445
	1989	328898	17	16771	88	60	0	185650	16	1	0	15	0	836810	240	1738138	378
	1990	334471	7	15127	80	38	0	183597	11	15	0	1	0	1044682	254	1894515	362
4) NORTH- EASTERN RAILWAY GORAKHPUR	1985	259504	7	2495	26	38	0	45977	1	53	1	6	0	1352	7	491210	56
	1986	264769	3	3595	33	60	0	51499	6	5	1	6	0	1595	6	502163	58
	1987	213254	3	6398	30	54	0	43566	7	7	1	1	0	1358	9	434262	56
	1988	188826	4	3836	28	69	1	30382	2	5	0	5	0	2071	6	424776	53
	1989	205909	8	3843	40	191	0	38642	6	2	0	3	0	854	3	434618	69
	1990	219991	2	2743	34	89	0	28305	4	0	0	0	0	1612	0	438685	45

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TABLE NO. 13.07 : (CONT.)

NAME OF RAILWAY ZONES	YEARS	CHOLERA		SMALL POX		PLAGUE		MALARIA		ENTERIC FEVER		TYPHOID		OTHER FEVERS	
		C	D	C	D	C	D	C	D	C	D	C	D	C	D
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
5) NORTH-EAST															
FRONTIER	1985	0	0	0	0	0	0	165	11	867	0	0	0	95345	1
RAILWAY	1986	0	0	0	0	0	0	153	0	1367	0	0	0	77699	2
GUWAHATI	1987	0	0	0	0	0	0	159	0	1401	1	0	0	69405	0
	1988	0	0	0	0	0	0	182	0	1702	1	0	0	65982	0
	1989	0	0	0	0	0	0	216	0	1276	1	0	0	70610	0
6) SOUTHERN															
RAILWAY	1985	1	0	0	0	0	0	142	0	1081	0	0	0	69758	0
MADRAS	1986	1	0	0	0	0	0	482	0	108	0	456	0	205891	4
	1987	1	0	0	0	0	0	345	0	132	0	384	0	221635	2
	1988	3	0	0	0	0	0	375	0	133	0	453	0	217252	0
1989	NR	NR	NR	NR	NR	NR	NR	364	0	408	1	61	0	237220	0
1990	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
7) SOUTH CEN-															
TRAL	1985	1	0	0	0	0	0	498	0	392	0	102	0	96792	3
RAILWAY	1986	0	0	0	0	0	0	722	0	453	0	143	0	114944	5
SECKINDRE-	1987	0	0	0	0	0	0	690	0	518	0	100	0	101359	0
	1988	0	0	0	0	0	0	619	0	296	0	222	0	97435	7
	1989	0	0	0	0	0	0	597	0	331	0	132	0	97352	4
BAD	1990	0	0	0	0	0	0	463	0	649	2	299	0	124867	0
8) SOUTH-															
EASTERN	1985	0	0	0	0	0	0	693	2	1118	2	235	2	255903	76
RAILWAY	1986	0	0	0	0	0	0	461	0	906	2	278	0	262768	56
CALCUTTA	1987	0	0	0	0	0	0	353	0	749	3	235	0	228209	83
	1988	0	0	0	0	0	0	672	0	903	11	181	9	220165	27
	1989	0	0	0	0	0	0	791	3	872	0	249	0	214881	25
1990	0	0	0	0	0	0	0	691	0	1091	1	138	0	197540	19

( CONT. ON NEXT PAGE )



TABLE NO. 13.07 : (CONT.)

NAME OF RAILWAY ZONES	YEARS	DYSENTRY & DIARRHOEA		TUBERCULOSIS		LEPROSY		INJURY ACCIDENT		DIPHTHERIA		POLIOMYLITIS		OTHER CAUSES		TOTALS	
		C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
1	2																
5) NORTH-EAST	1985	232716	11	2117	50	131	0	41077	6	6	1	0	0	2537	0	374961	80
FRONTIER	1986	219742	8	2391	47	116	0	42980	3	10	0	0	0	2048	1	346506	61
RAILWAY	1987	221665	7	2401	41	88	0	45061	5	8	0	0	0	1946	0	342134	54
GUWAHATI	1988	207175	5	2104	25	67	0	41747	6	4	0	0	0	1674	0	320637	37
	1989	218138	7	1939	25	109	0	45782	7	2	2	0	0	1489	0	339561	41
	1990	205911	2	1707	33	115	0	46708	0	4	0	0	0	1248	0	326674	44
6) SOUTHERN	1985	206632	5	1981	56	253	8	136295	3	3	0	1	0	1140843	679	1692946	755
RAILWAY	1986	185976	5	1731	41	87	0	125208	1	2	0	9	0	1073983	689	1609493	738
MADRAS	1987	175584	1	1860	52	76	0	114294	6	0	0	3	3	1032843	646	1542874	708
	1988	201425	2	2028	50	168	0	105808	3	1	0	3	0	1084589	587	1632078	644
	1989	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	1990	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
7) SOUTH CEN- TRAL	1985	137311	14	2064	45	142	0	73805	23	4	0	16	4	671711	292	982838	381
RAILWAY	1986	140205	6	2343	66	284	0	71126	22	6	0	22	2	696596	321	1026844	422
SECKINDRE- BAD	1987	113381	6	2367	65	221	1	74387	12	1	0	17	1	662630	352	955671	437
	1988	116088	27	7116	24	216	3	66619	14	6	0	124	0	632743	355	921484	430
	1989	117436	13	7804	51	218	0	63717	18	2	0	9	0	638309	366	925907	452
	1990	111313	10	7736	31	172	0	60248	18	0	0	0	0	538676	190	844423	251
8) SOUTH- EASTERN	1985	262624	25	4270	124	469	0	111312	32	0	0	0	0	170093	192	806717	455
RAILWAY	1986	234241	12	3668	105	251	1	112619	90	1	0	1	0	196745	200	811939	466
CALCUTTA	1987	213050	17	5661	142	221	0	94485	46	2	0	0	0	197340	163	740305	454
	1988	223554	26	6347	105	269	1	94288	41	0	0	0	0	151421	92	697800	312
	1989	221622	6	20030	160	262	0	103438	39	0	0	0	0	154728	235	716873	468
	1990	203572	11	7220	101	266	0	97940	40	0	0	0	0	271081	239	779167	411

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TABLE NO.13.07 : (CONT.)

NAME OF RAILWAY ZONES	YEARS	CHOLERA		SMALL POX		PLAGUE		MALARIA		ENTERIC FEVER		TYPHOID		OTHER FEVERS	
		C	D	C	D	C	D	C	D	C	D	C	D	C	D
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9)WESTERN RAILWAY BOMBAY	1985	0	0	0	0	0	0	12856	0	1232	0	341	0	219101	43
	1986	0	0	0	0	0	0	9840	0	1864	2	80	0	216980	13
	1987	0	0	0	0	0	0	8719	0	1506	2	285	0	220469	15
	1988	0	0	0	0	0	0	20267	3	1011	3	533	1	264500	29
	1989	0	0	0	0	0	0	21420	8	1191	3	308	0	251863	13
	1990	0	0	0	0	0	0	20341	3	1251	2	468	0	245073	16
10)WESTERN RAILWAY KOTA	1985	0	0	0	0	0	0	6398	0	215	0	16	0	48259	19
	1986	0	0	0	0	0	0	3743	0	448	3	17	0	33069	7
	1987	0	0	0	0	0	0	2712	0	826	2	117	0	36690	9
	1988	0	0	0	0	0	0	7552	1	193	2	53	0	41433	10
	1989	0	0	0	0	0	0	5618	0	292	0	11	0	38250	6
	1990	0	0	0	0	0	0	6125	0	324	1	14	0	34200	9
11)TOTAL	1985	5	0	0	0	0	0	31600	13	36597	25	3914	2	1815235	261
	1986	1	0	0	0	0	0	25958	0	50799	26	10513	0	1806367	178
	1987	1	0	0	0	0	0	22759	0	32622	9	5339	0	1725000	157
	1988	3	0	0	0	0	0	34356	5	20094	19	3655	1	1904154	167
	1989	0	0	0	0	0	0	31672	11	21960	10	2973	6	1511462	124
	1990	16	0	0	0	0	0	31371	3	17566	8	2231	0	1251688	62

( CONT. ON NEXT PAGE )

TABLE NO. 13.07 : (CONT.)

NAME OF RAILWAY ZONES	YEARS	DYSENTRY & DIARRHOEA		TUBERCULOSIS		LEPROSY		INJURY ACCIDENT		DIPHTHERIA		POLIOMYLITIS		OTHER CAUSES		TOTALS	
		C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
1	2	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
9)WESTERN RAILWAY BOMBAY	1985	175518	10	3622	66	253	0	140821	30	1	0	17	0	1312050	501	1865812	650
	1986	203293	17	3583	72	212	0	132602	32	3	0	42	0	1280049	460	1848548	596
	1987	162157	9	3905	65	177	1	141930	40	2	0	97	0	1057045	462	1596292	594
	1988	187103	24	3847	76	126	0	140395	24	1	1	62	1	1121486	517	1739331	679
	1989	177245	7	4082	68	230	0	134354	29	1	1	35	1	977444	461	1568183	591
10)WESTERN RAILWAY KOTA DIVISION	1990	165770	4	3332	63	111	1	123732	20	1	0	14	0	766436	533	1336529	642
	1985	27926	3	570	6	2	0	22940	1	0	0	0	0	163529	49	269855	78
	1986	30667	6	582	9	0	0	22257	4	0	0	0	0	146772	76	237555	105
	1987	29230	3	434	13	0	0	26797	9	1	0	0	0	144258	70	241065	106
	1988	33617	7	497	9	0	0	20297	4	0	0	0	0	160259	95	263901	128
11)TOTAL	1989	33759	2	423	6	0	0	26220	2	0	0	0	0	156375	79	259948	95
	1990	22802	2	317	6	0	0	24579	5	0	0	0	0	110711	75	199074	98
	1985	2149590	174	27292	655	1821	8	988936	175	165	5	155	4	6704845	2653	11760155	3975
	1986	2134033	153	37849	666	1613	1	962104	213	164	1	173	13	6345760	2569	11375334	3820
	1987	1936202	109	40655	668	1446	2	957879	189	516	1	694	4	5129295	2650	9852408	3788
	1988	1961717	204	115524	570	1598	5	1288697	166	34	1	371	2	4353025	2560	9683228	3700
	1989	1829222	115	61739	613	1278	2	783827	167	26	3	89	1	3849345	1989	8093593	3041
	1990	1565876	45	42128	374	959	0	680632	108	70	0	36	0	2735715	1296	6328228	1896

SOURCE: QUARTERLY REPORT FROM RAILWAY ZONES



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**14. FOOD ADULTERATION AND PRODUCTION  
OF DRUGS AND PHARMACEUTICALS**

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TABLE NO. 14.01 : WORKING OF THE PREVENTION OF FOOD ADULTERATION  
ACT : 1954 IN INDIA DURING 1981 - 1989

YEAR	NO. OF SAMPLES EXAMINED	NO. OF SAMPLES FOUND ADULTER- ATED	PERCENTAGE OF ADULT- ERATION	NO. OF PROSECU- TIONS LAUNCHED	NO. OF CONVIC- TIONS	NO. OF CASES ACQUITTED OR DIS- CHARGED	NO. OF CASES PENDING IN THE COURT OF LAW
1	2	3	4	5	6	7	8
1981*	133242	19050	14.2	15801	4588	4326	28364
1982*	129595	16765	12.9	15006	3617	5483	36781
1983*	129062	17965	13.9	15581	5274	4818	40713
1984*	122296	14990	12.2	13334	4530	4577	43761
1985*	128511	14677	11.4	11783	4702	3947	44610
1986*	121969	13730	11.2	10445	3864	3391	44389
1987*	131391	14091	10.7	9597	3347	5016	47637
1988*	130390	15365	11.8	9599	2576	3251	50931
1989a	121906	11448	9.3	8126	1824	2723	50317

NOTE : 1. \* INFORMATION IS BASED ON THE AVAILABLE REPORTS FROM THE STATES/ UNION TERRITORIES.  
2. a TENTATIVE

TABLE NO. 14.02 : WORKING OF THE PREVENTION OF FOOD ADULTERATION ACT, 1954 IN DIFFERENT STATES AND UNION TERRITORIES - 1987 TO 1989

SL. NO.	STATE/U.T	1987							1988							1989			
		NO. OF SAMPLES EXAMINED	NO. OF SAMPLES FOUND	PERCENTAGE OF ADULTERATION	NO. OF CONVICT-IONS	NO. OF SAMPLES EXAMINED	NO. OF SAMPLES FOUND	PERCENTAGE OF ADULTERATION	NO. OF CONVICT-IONS	NO. OF SAMPLES EXAMINED	NO. OF SAMPLES FOUND	PERCENTAGE OF ADULTERATION	NO. OF CONVICT-IONS	NO. OF SAMPLES FOUND	PERCENTAGE OF ADULTERATION	NO. OF CONVICT-IONS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14						
1.	Andhra Pradesh	7737	772	9.97	131	9191	776	8.44	135	8639	577	6.68	74						
2.	Arunachal Pradesh	0	0	0	0	0	0	0	0	22	12	54.5	0						
3.	Assam	1949	287	14.7	3	2178	284	13	2	2069	320	15.47	9						
4.	Bihar	2494	471	18.88	17	2867	470	16.39	39	2569	415	16.15	27						
5.	Goa	321	25	7.78	5	313	36	11.5	1	392	32	8.16	0						
6.	Gujarat	11023	781	7.08	178	10701	880	8.2	104	11015	659	6.07	86						
7.	Haryana	2310	330	14.28	284	4552	681	14.96	163	3346	445	13.30	99						
8.	Himachal Pradesh	829	195	23.5	95	1159	282	24.3	48	1578	325	20.6	45						
9.	Jammu & Kashmir	1660	404	24.3	47	2351	589	25	0	763	73	9.57	13						
10.	Karnataka	4320	422	9.76	2	3260	354	10.8	0	3179	181	5.87	0						
11.	Kerala	10932	373	3.4	91	6754	180	2.66	77	12070	321	2.26	73						
12.	Madhya Pradesh	7463	1300	17.4	408	6821	1408	20.6	292	6130	1244	20.27	323						
13.	Maharashtra	21835	1176	5.38	47	20664	1294	6.26	40	20883	913	4.37	22						
14.	Manipur	53	9	16.98	0	46	6	13	2	23	5	21.74	0						
15.	Meghalaya	165	44	26.66	0	142	37	26	0	138	15	10.86	7						
16.	Mizoram	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR						
17.	Nagaland	218	7	3.2	0	110	0	0	0	165	39	23.63	0						
18.	Orissa	1469	364	24.77	27	1558	562	36.07	52	1336	373	27.9	54						
19.	Punjab	3217	301	9.3	105	3801	501	13.18	0	3598	345	9.58	16						
20.	Rajasthan	2509	794	31.6	141	3385	1070	31.6	297	3454	1038	33.3	182						

( CONTD. ON NEXT PAGE )

TABLE NO. 14.02 : (CONTD.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14
21.Sikkim		NR	NR	NR	NR	6	3	50	0	33	10	33.3	0
22.Tamil Nadu		20040	1885	9.4	559	19298	1867	9.67	249	18937	1488	7.86	165
23.Tripura		229	30	13.1	6	266	22	8.27	0	126	5	4.0	0
24.Uttar Pradesh		25434	3429	13.48	929	24745	3085	12.46	757	17472	2016	11.5	348
25.West Bengal		1170	195	16.66	118	2260	390	17.2	111	1820	267	14.6	35
26.A & N Islands		NR	NR	NR	NR	118	7	5.9	0	34	2	5.88	0
27.Chandigarh		510	97	19	84	520	103	19.8	103	513	71	13.8	76
28.Dadra & Nagar Haveli		39	0	0	0	42	3	7.1	7	38	1	2.5	5
29.Daman & Diu		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
30.Delhi		1660	262	15.78	69	1542	312	20.2	74	1564	246	15.72	165
31.Lakshadweep		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
32.Pondicherry		1805	138	7.6	1	1740	163	9.36	23	NR	NR	NR	NR
TOTAL		121969	13730	11.2	3864	131391	14091	10.7	3347	130390	15365	11.78	2576



TABLE NO. 14.03 : PRODUCTION OF SELECTED DRUGS AND PHARMACEUTICALS  
(ORGANISED SECTOR, 1988-89 TO 1990-91)

SL. NO.	NAME OF THE DRUGS	A/C UNIT	PRODUCTION		
			1988-89	1989-90	1990-91(prov.)
1	2	3	4	5	6
1.	PENICILLIN	MMU	330.47	324.93	229.50
2.	STREPTOMYCIN	TONNES	243.79	134.15	159.19
3.	SULPHADIMIDINE	TONNES	465.72	340.01	122.86
4.	SULPHAMETHOXAZOLE	TONNES	1445.56	1854.70	2055.33
5.	VITAMIN A	MMU	74.23	94.31	82.32
6.	VITAMIN B1,B2,B12 & VITAMIN C	TONNES	970.78	1139.89	1123.49
7.	ANALGIN	TONNES	271.80	235.70	138.30
8.	ASPRIN	TONNES	1532.70	1551.28	1478.95
9.	CORTICO STEROIDS	TONNES	3.21	3.65	3.72
10.	ANTI T.B. DRUGS	TONNES	667.90	717.04	593.73
11.	CHLOROQUIN	TONNES	130.08	271.34	218.11
12.	METRONIDAZOLE	TONNES	436.28	269.88	161.18
13.	EPHEDRINE	TONNES	35.50	33.27	41.64
14.	XANTHINOL NICOTI- NATE	TONNES	15.83	14.01	15.05
15.	DIGOXIN	KGS	6.97	15.30	25.00
16.	DDS (DAPSONE)	TONNES	23.54	3.49	4.07
17.	TRIMETHOPRIM	TONNES	99.56	133.73	202.89

SOURCE : M&E (PI) SECTION,  
MINISTRY OF PETROLEUM & CHEMICALS,  
DEPARTMENT OF CHEMICALS & PETROCHEMICALS.

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**15. I. S. M. STATISTICS**

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TABLE NO. 15.01 : NUMBER OF COLLEGES OF INDIAN SYSTEM OF MEDICINE AND HOMOEOPATHY AND THEIR  
ADMISSION CAPACITY AS ON 1-4-1989

SL. NO.	STATES/ UTs.	Ayurveda		Unani		Siddha		Homoeopathy	
		No. of Colleges	Admission Capacity	No. of Colleges	Admission capacity	No. of Colleges	Admission capacity	No. of Colleges	Admission Capacity
1	2	3	4	5	6	7	8	9	10
1.	Andhra Pradesh	4	130	2	100	-	-	4	155
2.	Arunachal Pradesh	-	-	-	-	-	-	-	-
3.	Assam	1	30	-	-	-	-	3	120
4.	Bihar	9	395	1	60	-	-	11	1000
5.	Goa	-	-	-	-	-	-	-	-
6.	Gujarat	9	280	-	-	-	-	5	220
7.	Haryana	4	200	-	-	-	-	-	-
8.	Himachal Pradesh	1	20	-	-	-	-	-	-
9.	Jammu & Kashmir	-	-	-	-	-	-	-	-
10.	Karnataka	9	235	1	50	-	-	8	455
11.	Kerala	4	200	-	-	-	-	5	395
12.	Madhya Pradesh	7	217	1	25	-	-	8	400
13.	Maharashtra	20	990	3	125	-	-	15	810
14.	Manipur	-	-	-	-	-	-	-	-
15.	Meghalaya	-	-	-	-	-	-	-	-
16.	Mizoram	-	-	-	-	-	-	-	-
17.	Nagaland	-	-	-	-	-	-	-	-
18.	Orissa	6	180	-	-	-	-	6	157
19.	Punjab	4	180	-	-	-	-	2	100
20.	Rajasthan	5	280	3	90	-	-	3	135
21.	Sikkim	-	-	-	-	-	-	-	-
22.	Tamil Nadu	2	40	1	15	2	150	2	62
23.	Tripura	-	-	-	-	-	-	-	-
24.	Uttar Pradesh	10	430	3	140	-	-	10	295
25.	West Bengal	1	60	-	-	-	-	12	805
26.	A & N Islands	-	-	-	-	-	-	-	-
27.	Chandigarh	1	50	-	-	-	-	1	50
28.	D & N Haveli	-	-	-	-	-	-	-	-
29.	Daman & Diu	-	-	-	-	-	-	-	-
29.	Delhi	1	30	2	60	-	-	2	100
30.	Lakshadweep	-	-	-	-	-	-	-	-
31.	Pondicherry	-	-	-	-	-	-	-	-
TOTAL		98	3947	17	665	2	150	97	5259

Note : - = Nil Information.



TABLE NO. 15.02 : STATEWISE NUMBER OF REGISTERED I.S.M. AND HOMOEOPATHIC PRACTITIONERS  
AS ON 1-1-1989

Sl. No.	States/UTs	No. of I.S.M. & Homoeopathic Practitioner				
		Ayur-veda	Unani	Siddha	Naturo-Pathy	Homoeo Pathy
1	2	3	4	5	6	7
1.	Andhra Pradesh	12307	3192	-	146*	3546
2.	Assam	558*	+	-	-	1151
3.	Bihar	62892*	3216*	-	-	23041
4.	Gujarat	13312	231	-	-	1649
5.	Haryana	16629	1634	-	-	5464
6.	Himachal Pradesh	6273	452	-	-	1078
7.	Jammu & Kashmir	343*	162*	-	-	+
8.	Karnataka	10218	640	-	-	3528
9.	Kerala	11611	52	1260	-	4882
10.	Madhya Pradesh	39793	247	-	-	5901
11.	Maharashtra	33216	705	-	-	18573
12.	Meghalaya	-	-	-	-	174*
13.	Orissa	2606	5	-	-	3235
14.	Punjab	17468*	5608*	-	-	6346
15.	Rajasthan	19920	898	-	-	3555
16.	Tamil Nadu	3124	794	10457	-	15537
17.	Uttar Pradesh	50292	10566	-	-	22546
18.	West Bengal	10837	4920	-	-	26491
19.	Chandigarh	-	-	-	-	294
20.	Delhi	4320	1564	-	-	1875*
TOTAL		315719	34886	11644	146	148866

Note : + = Not available

\* = Figures relate to 1988

- = Nil Information.

TABLE NO. 15.03 : SUMMARY OF MEDICAL CARE FACILITIES UNDER INDIAN SYSTEMS OF MEDICINE AND  
HOMOEOPATHY BY MANAGEMENT STATUS AS ON 1-4-1989

SL. No. Management		Number of Hospitals and Dispensaries																							
		AYURVEDA				UNANI MEDICINE				SIDDHA				NATUROPATHY				YOGA				HOMOEOPATHY			
		HOSP-ITALS	DISP-ENSA	HOSP-ITALS	DISP-ENSA	HOSP-ITALS	DISP-ENSA	HOSP-ITALS	DISP-ENSA	HOSP-ITALS	DISP-ENSA	HOSP-ITALS	DISP-ENSA	HOSP-ITALS	DISP-ENSA	HOSP-ITALS	DISP-ENSA	HOSP-ITALS	DISP-ENSA	HOSP-ITALS	DISP-ENSA				
1	2	3	4	5	6	7	8	9	10	11	12	13	14												
	1. STATE GOVT./ U.T./ADMN.	1364	9761	94	777	105	303	6	8	3	-	87	2697												
	2. LOCAL BODIES	77	1673	+	169	-	-	-	-	-	-	-	584												
	3. OTHERS	68	1229	10	3	-	-	5	3	3	4	113	2245												
	4. CENTRAL GOVERNMENT HEALTH SCHEME	1	31	-	8	-	1	-	-	-	3	-	33												
	5. RAILWAYS MINISTRY #	-	4*	-	-	-	-	-	-	-	-	-	97*												
	6. LABOUR MINISTRY :																								
	i) EMPLOYEES STATE INSURANCE	-	81**	-	1	-	2	-	-	-	-	-	14\$												
	ii)MICA MINES	-	12	-	-	-	-	-	-	-	-	-	-												
	iii)DOLAMITE MINES	-	13	-	-	-	-	-	-	-	-	-	-												
	iv) BEEDI WORKERS	-	7	-	-	-	-	-	-	-	-	-	-												
	7. ENERGY MINISTRY (COAL MINES)	-	28	-	-	-	-	-	-	-	-	-	-												
	8. CENTRAL COUNCILS OF RESEARCH	17	-	5	-	-	-	-	-	-	-	5	-												
	TOTAL	1527	12839	109	958	105	306	11	11	6	7	205	5670												

NOTE: # = Homoeopathic dispensaries are run under aegies of the staff benefit fund

of Indian Railway.

\* 87 Homoeopathic dispensaries are functioning on part-time basis and the remaining 10 on full-time basis. 4 Ayurvedic dispensaries are also part-time dispensaries.

\*\* = 75 Ayurvedic wings in allopathic dispensaries and 3 Ayurvedic wings in ESI Hospitals.

\$ = Homoeopathy wings in Allopathic dispensaries - = NIL INFORMATION.

+ = Information not received.



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**16. INTERNATIONAL COMPARATIVE  
STATISTICS**

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TABLE NO. 16.01 : POPULATION, NATALITY, GENERAL MORTALITY AND NATURAL INCREASE FOR THE  
WORLD AROUND --1990

Country or Area	Population				Rate per 1000 population (1985-90)		
	Latest Estimates (in Thou- sands 1990)	Percentage Distribution by age in year 1990			Live Births	Deaths	Natural Increase
		0-14	15-64	65+			
1	2	3	4	5	6	7	8
World	52,92,195	32.3	61.5	6.2	27.1	9.8	17.4
2 Africa	6,42,111	45.0	51.9	3.0	44.7	14.7	29.9
3 America	7,23,942	30.4	61.9	7.7	23.5	7.9	15.6
4 Asia(Excluding USSR)	31,12,695	32.9	62.1	5.0	27.8	9.0	18.7
5 Europe(Including USSR)	7,86,966	21.7	66.3	12.0	14.9	10.7	4.2
6 Oceania	26,481	26.5	64.5	9.0	19.4	8.1	11.3
WHO Region							
1 Africa	5,18,792	45.9	51.2	2.9	46.3	15.4	30.9
2 The Americas	7,23,942	30.3	61.9	7.7	23.5	7.9	15.6
3 Eastern Mediterranean	3,88,395	43.9	53.0	3.1	41.8	11.4	30.4
4 Europe	8,47,434	22.6	65.9	11.5	15.9	10.5	5.4
5 South East Asia	13,13,139	36.8	59.0	4.2	31.9	11.0	20.8
6 Western Pacific	15,00,493	27.1	66.7	6.1	21.5	7.0	14.5

SOURCE : WORLD HEALTH STATISTICS 1990 , P103.

TABLE NO. 16.02 : NATALITY, GENERAL MORTALITY AND NATURAL INCREASE, EXPECTATION OF LIFE  
AT BIRTH(BY SEX) & INFANT MORTALITY 1985-90.

SL. NO.	Name of the Country	Rate (Per 1000 Popl.)			Infant Mortality (per 1000 Live born)	Expectation of life at Birth	
		Live birth	Death	Natural Increase		Male	Female
1	2	3	4	5	6	7	8
	World Total	27.7	10.4	17.3	70	61.8	65.9
1.	AFGHANISTAN	49.3	23.0	26.3	172	41.0	42.0
2.	Argentina	21.4	8.6	12.7	32	67.3	74.0
3.	Australia	15.0	7.5	7.5	8	72.9	79.5
4.	Bangladesh	42.2	15.5	26.7	119	51.1	50.4
5.	Brazil	28.6	7.9	20.7	63	62.3	67.6
6.	Myanmar	30.6	9.6	20.9	70	58.3	61.8
7.	Canada	14.1	7.5	6.6	7	73.3	80.3
8.	Egypt	35.1	10.8	24.3	65	57.8	60.3
9.	France	13.8	10.3	3.5	8	71.9	80.0
10.	German (DR)	12.9	12.8	0.1	9	70.4	76.2
11.	German (FR)	10.7	12.2	-1.5	9	71.6	78.2
12.	India*	29.9	9.6	20.3	99	57.8	57.9
13.	Indonesia	28.6	9.4	19.3	75	58.5	62.0
14.	Japan	11.3	7.0	4.3	5	75.4	81.1
15.	Kenya	47.0	11.3	35.7	72	56.5	60.5
16.	Libya	44.0	9.4	34.5	82	59.1	62.5
17.	Malaysia	31.9	5.6	26.4	24	67.5	71.6
18.	Mexico	29.0	5.8	23.2	43	65.7	72.3
19.	Nepal	39.6	14.8	24.7	128	51.5	50.3
20.	Pakistan	46.9	12.6	34.3	109	56.5	56.5
21.	Srilanka	22.5	5.9	16.6	28	68.3	72.5
22.	Thailand	22.3	7.0	15.3	28	63.0	67.1
23.	United Kingdom	13.6	11.8	1.8	9	72.4	78.1
24.	U.S.S.R.	18.4	10.6	7.8	24	65.0	74.2
25.	U.S.A.	15.1	8.8	6.3	10	71.9	79.0

Source : World Health Statistics 1990  
World Population Prospects, 1990  
\* = RELATES TO YEAR 1990

TABLE NO. 16.03: GOVERNMENT HEALTH EXPENDITURE  
IN DIFFERENT COUNTRIES

SL. NO.	NAME OF THE COUNTRY	PERCENTAGE OF GOVT. HEALTH EXPENDITURE TO TOTAL GOVT. EXPENDITURE			
		1983	1984	1985	1986
1	2	3	4	5	6
	WORLD	9.68	10.22	10.38	+
A.	INDUSTRIAL COUNTRIES	11.39	12.03	12.28	+
	UNITED STATES EX	10.65	11.04	11.29	11.55
	CANADA G#	6.27	6.34	6.09	+
	AUSTRALIA C*	7.12	7.85	9.54P	9.52P
	JAPAN	-	-	-	+
	FRANCE C	14.50	-	-	+
	GERMANY D	18.64	18.74 P	-	+
	UNITED KINGDOM C	13.22	12.87	12.55	+
B.	MEMORANDUM ITEMS				
	(i) OIL EXPORTING CTYS	4.92	5.30	5.56	+
	(ii) NEW OIL DEVELOPING CTYS	3.79	3.94	3.69	+
C.	DEVELOPING COUNTRIES	4.00	4.20	4.06	+
	(i) AFRICA	-	-	-	+
	GHANA	-	8.58	9.80	8.28
	KENYA A*	6.96	6.73	6.43	+
	MAURITIUS *	7.84	8.10	7.56	7.71
	SUDAN A	-	-	-	+
	(ii) ASIA	3.05	3.07	3.14	2.87
	BANGLADESH *	4.09 P	6.24 P	-	+
	BURMA A#	6.87	7.35	7.71	+
	INDIA E#	2.42	2.28	2.16 P	2.09P
	INDONESIA #	2.21	2.54	2.50	1.87
	MALAYSIA	-	-	-	+
	NEPAL +	4.65	4.39	4.97	+
	PAKISTAN D*	1.04	1.10	1.00	+
	PHILLIPINES A	5.48	5.02	5.95 P	+
	SRILANKA A	5.22	3.73	3.77	4.04P
	THAILAND B%	5.01	5.43	5.69	+
	(iii) EUROPE	-	-	-	+
	YUGOSLAVIA G	-	-	-	+

-----CONTD. ON NEXT PAGE-----



TABLE NO.16.03 CONTD.

1	2	3	4	5	6
(iv)	MIDDLE EAST	5.23	5.73	6.13	+
	EGYPT A*	2.84	2.60	2.60	2.39P
(v)	WESTERN HEMISPHERE	4.58	4.85	4.33	+
	ARGENTINA	1.37	1.81	1.28	+
	BRAZIL D	7.09	7.37	6.42	+
	MEXICO C	1.20	1.52	1.38	+

NOTE : LETTERS A-G FOLLOWING COUNTRY NAME INDICATE PERCENTAGE OF GENERAL GOVERNMENT TAX REVENUE ACCOUNTED FOR BY THE CENTRAL GOVERNMENT, FOR THE LATEST YEAR WITH DATA AVAILABLE, AS FOLLOWS A, 95 AND OVER; B, 90-94.9; C, 80-89.9; D, 70-79.9; E, 60-69.9; F, 50-59.9 AND G, 20-24.9.

SYMBOL \* INDICATES BREAK IN CONTINUITY OF TIME SERIES AS DESCRIBED IN COUNTRY NOTES ON COVERAGE OF DATA  
MOST RECENT FISCAL YEARS, OTHER THAN THOSE ENDING DECEMBER 31, AS INDICATED AS # , BEGINNING APRIL 1; \*, ENDING JUNE 30; % ENDING SEPT 30; & + OTHER  
THE LETTER P INDICATES THAT DATA ARE IN WHOLE OR IN PART PROVISIONAL PRELIMINARY, OR PROJECTED.

SOURCE : GOVERNMENT FINANCE STATISTICS YEAR BOOK 1986, VOLUME X, INTERNATIONAL MONETARY FUND, PAGE NO.54 & 55

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## **17. SPECIAL TABLES**

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TABLE NO. 17.01 : PERCENTAGE OF POPULATION BELOW THE POVERTY LINE BY  
STATES SEPARATELY FOR RURAL AND COMBINED FOR  
1987-88 (PROVISIONAL)

SL. NO.	STATE	RURAL	COMBINED
		PERCENTAGES	PERCENTAGES
1	2	3	4
1.	ANDHRA PRADESH	33.8	31.7
2.	ASSAM	24.5	22.8
3.	BIHAR	42.7	40.8
4.	GUJARAT	21.2	18.4
5.	HARYANA	11.7	11.6
6.	HIMACHAL PRADESH	9.7	9.2
7.	JAMMU & KASHMIR	15.5	13.9
8.	KARNATAKA	35.9	32.1
9.	KERALA	16.4	17.0
10.	MADHYA PRADESH	41.5	36.7
11.	MAHARASHTRA	36.7	29.2
12.	ORISSA	48.3	44.7
13.	PUNJAB	7.2	7.2
14.	RAJASTHAN	26.0	24.4
15.	TAMIL NADU	39.5	32.8
16.	UTTAR PRADESH	37.2	35.1
17.	WEST BENGAL	30.3	27.6
18.	ALL INDIA	33.4	29.9

- NOTE : 1.THE ABOVE ESTIMATES ARE DERIVED BY USING THE POVERTY LINE OF  
RS. 49.09 PER CAPITA PER MONTH IN 1973-74 PRICES CORRESPONDING  
TO DAILY CALORIE REQUIREMENT OF 2400 PER PERSON IN RURAL AREAS  
AND POVERTY LINE OF RS.56.64 PER CAPITA PER MONTH CORRESPONDING  
TO CALORIE REQUIREMENT OF 2100 IN URBAN AREAS
- 2.FOR UPDATING THE POVERTY LINE FOR 1987-88, C.S.O. PRIVATE  
CONSUMPTION DEFLATOR HAS BEEN USED
- 3.THESE RESULTS ARE BASED ON THE PROVSIONAL RESULTS OF 43 ROUND  
OF THE NATIONAL SAMPLE SURVEY DATA ON HOUSEHOLD CONSUMER EXPENDITURE
- 4.STATE - WISE POVERTY RATIOS HAVE BEEN ESTIMATED USING THE SAME METHODOLOGY AS WAS USED AT THE TIME OF FORMULATION OF SEVENTH FIVE YEAR PLAN.  
SINCE THEN A NUMBER OF ISSUES HAVE BEEN RAISED ABOUT THE METHODOLOGY OF  
POVERTY ESTIMATION AND THESE ISSUES ARE BEING CONSIDERED BY AN EXPERT  
GROUP HEADED BY DR.D.T.LAKDAWALA
- 5.THE ESTIMATES PRESENTED HERE ARE LIKELY TO GET REVISED IN THE LIGHT OF  
THE RECOMMENDATION OF THE EXPERT GROUP.
- 6.THE ESTIMATES PRESCRIBED HERE ARE LIKELY TO GET REVISED IN THE LIGHT OF  
THE RECOMMENDATIONS OF THE EXPERT GROUP.



TABLE NO. 17.02 : DISABLED POPULATION IN INDIA 1980\*

Sl. No.	States/U.T.	Total	Rural	Urban
1	2	3	4	5
1.	Andhra Pradesh	100552	89581	10971
2.	Assam	N.A	N.A	N.A
3.	Bihar	98735	92700	6035
4.	Gujarat	68399	54110	14289
5.	Haryana	15843	13611	2232
6.	Himachal Pradesh	10714	10356	358
7.	Jammu & Kashmir	13795	12285	1510
8.	Karnataka	54730	45340	9390
9.	Kerala	31053	25599	5454
10.	Madhya Pradesh	101873	92617	9256
11.	Maharashtra	82392	66809	15583
12.	Manipur	2167	1847	320
13.	Meghalaya	2676	2522	154
14.	Nagaland	2792	2724	68
15.	Orissa	61298	57151	4147
16.	Punjab	19328	16438	2890
17.	Rajasthan	80043	70847	9196
18.	Sikkim	2483	2386	97
19.	Tamil Nadu	87431	66090	21341
20.	Tripura	4143	3847	296
21.	Uttar Pradesh	164556	149973	14583
22.	West Bengal	100955	85900	15055
23.	A & N Islands	262	238	24
24.	Arunachal Pradesh	2626	2591	35
25.	Chandigarh	345	42	303
26.	D & N Haveli	225	212	13
27.	Delhi	5157	365	4792
28.	Goa, Daman & Diu	1631	1228	403
29.	Lakshadweep	155	61	94
30.	Mizoram	1547	1349	198
31.	Pondicherry	1042	582	460
TOTAL @		1118948	969401	149547

Note : 1. @ = Excludes Assam.

2. \* = Based on house listing done for 1981 population census by R.G. India.

3. N.A = Not available

4. 1991 DATA NOT AVAILABLE.

Source : Registrar General India

TABLE NO. 17.03 : MINIMUM NEEDS PROGRAMME FINANCIAL OUTLAYS FOR DIFFERENT SOCIAL  
DEVELOPMENT PROGRAMMES DURING SEVENTH PLAN PERIOD 1985-90 AND  
ANNUAL PLAN 1990-91

(Rs. in Lakhs)

SL. NO.	STATES/U.Ts	SEVENTH FIVE YEAR PLAN (1985-90)				APPROVED OUTLY 1988-89			
		RURAL HEALTH	RURAL WATER SUPPLY	URBAN SLUMS	NUTRI-TION	RURAL HEALTH	RURAL WATER SUPPLY	URBAN SLUMS	NUTRI-TION
1	2	3	4	5	6	7	8	9	10
1.	ANDHRA PRADESH	6739	14000	3000	5360	1450	3000	600	447
2.	ARUNACHAL PRADESH	695	1800	-	200	140	439	-	70
3.	ASSAM	2848	9000	400	2000	1090	2727	31	587
4.	BIHAR	6000	9500	500	3500	1650	2870	140	1200
5.	GOA*	132	500	25	120	45	170	5	54
6.	GUJARAT	4000	8000	650	59550	1121	2100	85	5500
7.	HARYANA	3546	10500	500	2794	600	2574	100	700
8.	HIMACHAL PRADESH	1003	6800	100	282	325	1700	18	101
9.	JAMMU & KASHMIR	2407	12000	250	755	570	2437	60	262
10.	KARNATAKA	5000	7500	1200	11000	1425	2240	365	695
11.	KERALA	2400	8100	300	4000	370	2700	50	2389
12.	MADHYA PRADESH	7500	14300	1800	3389	1550	3000	370	687
13.	MAHARASHTRA	19517	46000	5200	5000	3500	9872	900	595
14.	MANIPUR	600	2200	25	220	180	600	10	80
15.	MEGHALAYA	700	3000	100	500	200	660	18	92
16.	MIZORAM	675	1800	25	150	141	400	5	86
17.	NAGALAND	450	1500	-	450	180	440	-	210
18.	ORISSA	1700	4000	150	1600	617	1755	12	500
19.	PUNJAB	4000	6500	800	1650	450	1500	150	279
20.	RAJASTHAN	3400	15000	500	1596	1000	2730	150	450
21.	SIKKIM	200	1000	15	270	65	295	8	46
22.	TAMIL NADU	5000	17500	4000	54000	1450	3600	160	11074
23.	TRIPURA	500	2000	200	2000	158	430	20	455
24.	UTTAR PRADESH	20000	17500	2400	4470	3400	6015	430	1755
25.	WEST BENGAL	6800	3500	3200	5000	1000	1724	789	555
26.	A & N ISLANDS	222	800	15	70	84	110	5	34
27.	CHANDIGARH	115	-	-	239	18	-	-	50
28.	D & N HAVELI	56	75	-	39	13	25	-	15.5
29.	DAMAN & DIU	*	*	*	*	10	29	2	9.5
30.	DELHI	-	600	1500	2787	-	160	600	582
31.	LAKSHADWEEP	46	150	-	30	17	39	-	7
32.	PONDICHERRY	84	200	100	265	50	40	25	85
GRAND TOTAL									
(OF ALL STATES & UTs)		106335	225325	26955	173286	22869	56381	5108	29657
( CONT. ON NEXT PAGE )									

TABLE NO. 17.03 : (CONT.)

SL. NO.	STATES/U.Ts	APPROVED OUTLAY 1989-90				ANNUAL PLAN 1990-91			
		RURAL HEALTH	RURAL WATER SUPPLY	URBAN SLUMSS	NUTRI-TION	RURAL HEALTH	RURAL WATER SUPPLY	URBAN SLUMS	NUTRI-TION
1	-2	11	12	13	14	15	16	17	18
1.	ANDHRA PRADESH	1515	2600	600	447	690	2950	908	165
2.	ARUNACHAL PRADESH	165	295	-	85	205	400	-	128
3.	ASSAM	1100	2730	35	587	1100	2730	35	600
4.	BIHAR	2450	3050	60	1370	2750	3190	260	1187
5.	GOA	50	161	1	68	110	210	1	9
6.	GUJARAT	1275	3410	100	7300	1036	4450	100	6386
7.	HARYANA	831	2580	110	700	900	3000	110	212
8.	HIMACHAL PRADESH	430	1820	30	200	541	2535	50	225
9.	JAMMU & KASHMIR	800	2100	55	297	1575	2570	60	70
10.	KARNATAKA	1430	2042	365	4409	2200	2138	726	400
11.	KERALA	400	2850	50	1820	510	3495	50	62
12.	MADHYA PRADESH	1900	3000	370	685	3050	4000	264	785
13.	MAHARASHTRA	4200	9962	1215	456	4615	8046	1000	500
14.	MANIPUR	195	600	10	125	249	650	17	21
15.	MEGHALAYA	233	690	22	116	405	800	40	25
16.	MIZORAM	154	440	5	105	188	543	5	100
17.	NAGALAND	186	500	-	215	160	560	-	154
18.	ORISSA	875	1765	30	500	1200	2176	100	600
19.	PUNJAB	700	1600	100	275	667	1923	165	0
20.	RAJASTHAN	1250	3000	150	450	1600	4200	400	127
21.	SIKKIM	75	360	6	45	130	360	6	40
22.	TAMIL NADU	1400	4299	160	9452	1825	4462	270	6155
23.	TRIPURA	200	500	30	460	280	600	35	680
24.	UTTAR PRADESH	3300	7325	580	2020	5400	8400	790	736
25.	WEST BENGAL	1250	1810	850	705	1730	2030	885	2607
26.	A & N ISLANDS	155	130	30	34	240	150	20	14
27.	CHANDIGARH	20	0	-	53	23	0	0	2
28.	D & N HAVELI	18	17	-	21	16	20	0	6
29.	DAMAN & DIU	12	6	3	19	23	64	2	6
30.	DELHI	-	150	400	600	0	300	200	270
31.	LAKSHADWEEP	28	54	-	8	75	51	0	2
32.	PONDICHERRY	40	38	30	90	57	39	30	17
GRAND TOTAL		26637	59885	5397	33719	33552	67043	6529	22291
(OF ALL STATES & UTs)									

SOURCE : PLANNING COMMISSION

\* INCLUDED IN GOA



TABLE NO. 17.04 : BUDGETARY ALLOCATION UNDER HEALTH SECTOR DURING 7TH PLAN PERIOD (1985-90)  
AND ANNUAL PLAN 1990-91

(Rs. in lakhs)

Sl. States/U.T. No.	Approved Outlay VIIIth PLAN	Approved Outlay in differeny Years					Approved Outlay Annual Plan
		85-90	85-86	86-87	87-88	88-89	89-90
1.Andhra Pradesh	16420	1999	2416	3000	3400	3691	1600
2.Arunachal Pradesh	1450	250	270	300	286	325	440
3.Assam	7500	1500	1920	2500	2550	2625	2790
4.Bihar	14640	2788	4100	4870	4515	5500	5500
5.Goa *	2444	303	415	475	414	499	999
6.Gujarat	10314	1332	1569	2050	2359	2500	2500
7.Haryana	7877	1355	1228	1638	1537	1998	2198
8.Himachal Pradesh	2625	510	575	736	800	1100	1265
9.Jammu & Kashmir	6306	1380	1400	1375	1909	2372	2650
10.Karnataka	11800	2081	2596	2361	2916	2946	3961
11.Kerala	5200	1050	1200	1276	1400	1450	1700
12.Madhya Pradesh	15733	2360	3550	4317	4500	4930	6778
13.Maharashtra	37400	5273	6520	9204	7682	7959	7356
14.Manipur	1300	230	260	324	350	400	400
15.Meghalaya	1600	260	300	360	359	400	709
16.Mizoram	1400	240	290	290	342	381	400
17.Nagaland	1500	300	320	475	520	330	730
18.Orissa	5450	1010	1265	1602	1760	2221	3288
19.Punjab	10350	1555	1484	1533	2068	2100	1982
20.Rajasthan	8257	1656	1839	2250	3038	3551	3654
21.Sikkim	581	157	132	150	165	175	330
22.Tamil Nadu	15000	2000	2676	3092	3607	3815	4284
23.Tripura	1300	250	320	404	454	531	640
24.Uttar Pradesh	30080	5250	6350	10135	9651	9096	11910
25.West Bengal	12800	2400	2580	2580	2390	2912	3741
26.A & N Islands	400	65	65	90	130	224	335
27.Chandigarh	900	240	187	195	200	230	342
28.D & N Haveli	142	28	27	28	30	38	42
29.Daman & Diu @	-	-	-	-	-	107	52
30.Delhi	18086	2900	3400	3933	4300	5000	6300
31.Lakshadweep	100	22	20	16	26	40	110
32.Pondicherry	600	130	150	180	250	330	350
Total (of all States & UTs)	249555	40874	49424	61739	64011	69776	79336
CENTRAL HEALTH SECTOR SCHEMES	89734	20000	20000	20500	22800	24000	27500
GRAND TOTAL	339289	60874	69424	82239	86811	93776	106836

Source : Planning Commission

Note : \* : Including figures for Daman & Diu

@ : Included in figures for Goa.



TABLE NO.17.05 : RURAL WATER SUPPLY PROGRAMME IN VILLAGES

PROGRESS OF COVERAGE DURING SEVENTH PLAN AND 1991-92

SL. NO.	STATE/UT	TOTAL VILLAGES AS PER 1981 CENSUS	VILLAGE HAVING FACILITY AS ON 1-4-80	PV AS ON 1-4-80	COVER-AGE DURING VI PLAN 1-4-80	TOTAL BALANCE AS ON 1.4.85	COVERAGE DURING VII PLAN 1-4-90	BALANCE AS ON 1-4-90	1990-91 COVERAGE	BALANCE AS ON 1-4-91	1991-92	TARGET COVERAGE
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Andhra Pradesh	27379	19173	8206	8094	15834	15834	0	0	0	0	0
2.	Arunachal Pradesh	3257	1517	1740	1467	391	391	0	0	0	0	0
3.	Assam	21995	6252	15743	8654	9570	9126	444	356	88	84	1
4.	Bihar	67546	52352	15194	14172	9199	9155	44	37	7	7	5
5.	Goa	412	346	66	64	38	38	0	0	0	0	0
6.	Gujarat	18114	12796	5318	4492	4911	4812	99	47	52	52	2
7.	Haryana	6745	3305	3440	2122	2314	2143	171	96	75	75	5
8.	Himachal Pradesh	16807	8992	7815	4997	3539	2432	1107	310	797	314	48
9.	Jammu & Kashmir	6477	1779	4698	2028	2959	2054	905	243	662	209	0
10.	Karnataka	27028	11572	15456	15443	5410	5410	0	0	0	0	0
11.	Kerala	1219	61	1158	1142	88	87	1	1	0	0	0
12.	Madhya Pradesh	71352	46408	24944	23845	14714	14568	146	63	83	83	10
13.	Maharashtra	39354	26419	12935	12016	5174	5076	98	46	52	52	0
14.	Manipur	2035	823	1212	819	862	862	0	0	0	0	0
15.	Meghalaya	4902	1975	2927	690	3658	2237	1421	406	1015	600	9
16.	Mizoram	721	507	214	127	595	527	68	68	0	0	0
17.	Nagaland	1112	463	649	424	623	597	26	7	19	19	0
18.	Orissa	46553	22937	23616	22357	14443	13123	1320	219	1101	1101	0
19.	Punjab	12342	10575	1767	537	2254	1306	948	164	784	173	30
20.	Rajasthan	34968	15165	19803	16043	7310	6910	400	261	139	95	2

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TABLE NO. 17.05 : (CONT.)

1	2	3	4	5	6	7	8	9	10	11	12	13
		440	144	296	212	121	114	7	7	0	0	0
21.Sikkim		15831	9182	6649	6649	4882	4864	18	18	0	0	0
22.Tamil Nadu		4727	1927	2800	2486	2893	2763	130	120	10	10	0
23.Tripura		112566	84061	28505	27143	3906	42894	1012	563	449	130	3
24.Uttar Pradesh		38024	12781	25243	15628	5930	5930	0	0	0	0	0
25.West Bengal		491	318	173	173	40	40	0	0	0	0	0
26.A & N Island		24	0	24	0	0	0	0	0	0	0	0
27.Chandigarh		70	70	0	0	0	0	0	0	0	0	0
28.Dadra & Nagar Haveli		0	0	0	0	0	0	0	0	0	0	0
29.Daman & Diu		214	115	99	89	0	0	0	0	0	0	0
30.Delhi		7	7	0	0	11	11	0	0	0	0	0
31.Lakshadweep		291	173	118	111	53	53	0	0	0	0	0
32.Pondicherry												
Total		583003	352195	230808	192024	161722	153357	8365	3032	5333	3004	115

NOTE: PV - Problem Villages

During 1990-91 in addition to 3028 villages, 26184 P-category & 8483 other villages were also covered. During VII plan in addition to 198074 villages were partially covered.

TABLE NO. 17.06 : GOALS FOR HEALTH AND FAMILY WELFARE PROGRAMMES  
IN TERMS OF 'HEALTH FOR ALL' BY 2000 A D

Sl. No	Indicator	Current level	Goals **		
			1985	1990	2000
1	2	3	4	5	6
1.	Infant Mortality Rate				
	Rural	86 (1990)	122		
	Urban	51 (1990)	60		
	Combined	80 (1990)	106	87	below 60
2.	Preinatal mortality				
	crude death	49.6 (1988)			30
2(a)	Crude death rate	9.6(1990)	12	10.4	9-10
3.	Pre-school child (1-5Yrs) mortality				
		24 (1976-77)	20--24	15--20	10
4.	Maternal mortality rate				
		4--5 (1976)	3--4	2--3	below 2
5.	Life expectancy at birth (yrs.)				
	Male	58.1 (1986-91)	55.1	57.6	64
	Female	59.1 (1986-91)	54.3	57.1	64
6.	Babies with birth weight below 2500 gms(percentage)	30	25.	18	10
7.	Crude birth rate	29.9 (1990)	31	27.0	21.0
8.	Effective couple Protection(percentage)	44.1 (March,91)	37.0	42.0	60.0
9.	Net reproduction rate(NRR)	1.48 (1981)	1.34	1.17	1.00
10.	Growth rate (annual)	2.03 (1990)	1.90	1.66	1.20
11.	Family size	4.0 (1988)	3.8		2.3
12.	Pregnant mother receiving ante-natal care(%)	60 (1988)	50-60	60-75	100
13.	Deliveries by trained birth attendants(%)	40-50 (1988)	50	80	100

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TABLE NO. 17.06 CONTD.

1	2	3	4	5	6
14. Immunization					
	Status*(%)coverage				
	TT(for pregnant women)	78.16(1990-91)	60	100	100
	TT(for School children)				
	10 years	60.5 (1990-91)	40	100	100
	16 years	86.45(1987-88)	60	100	100
	DPT(children below 3 years)	98.19(1990-91)	70	85	85
	Polio (infants)	98.86(1990-91)	50	70	85
	BCG (infants)	101.51(1990-91)	70	80	85
	DT (new school entrants 5-6 years)	82.0 (1990-91)	80	85	85
	Typhoid(new school entrants 5-6 Years)	62.6 (1987-88)	70	85	85
15. Leprosy-percentage of disease arrested cases out of those detected *					
		24.46 (1990-91)	40	60	80
16. TB percentage of disease arrested cases out of those detected					
		66 (1990-91)	60	75	90
17. Blindness-Incidence of (%)					
		1.4 (1987-88)	1	0.7	0.3

Source :National Health Policy, 1983 \*\*

\* = Cases cured after 1983, out of the 4 million estimated leprosy cases





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Sl.No.	PUBLICATION	DATE
<b>Regular</b>		
1.	Weekly Epidemiological Report	Latest
2.	Health Services India	1987-88
		1988-89
3.	Health Information India	1990
4.	Handbook of Health Information of India	1989
5.	Monthly Health Statistical Bulletin	June, 90
<b>Ad-hoc</b>		
6.	Para Medical Training in India (Vol. I)	1988
7.	Para Medical Training in India (Vol. II)	1986 Priced
8.	Directory of Hospitals in India	1988 Priced
9.	Medical Education in India	1986 Priced
10.	Health Atlas in India	1986
11.	Model-Public Health Act	1987
12.	Compendium of recommendations of various Committees on Health Development	1975
13.	Directory of personnel dealing with Vital and Health Statistics	1982-83









